SELF-ASSESSMENT REPORT ON THE QUALITY OF EDUCATION IN THE DOCTORAL SCHOOL

Szkoła Doktorska Pomorskiego Uniwersytetu Medycznego w Szczecinie

Pomorski Uniwersytet Medyczny w Szczecinie

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VISITING CARD

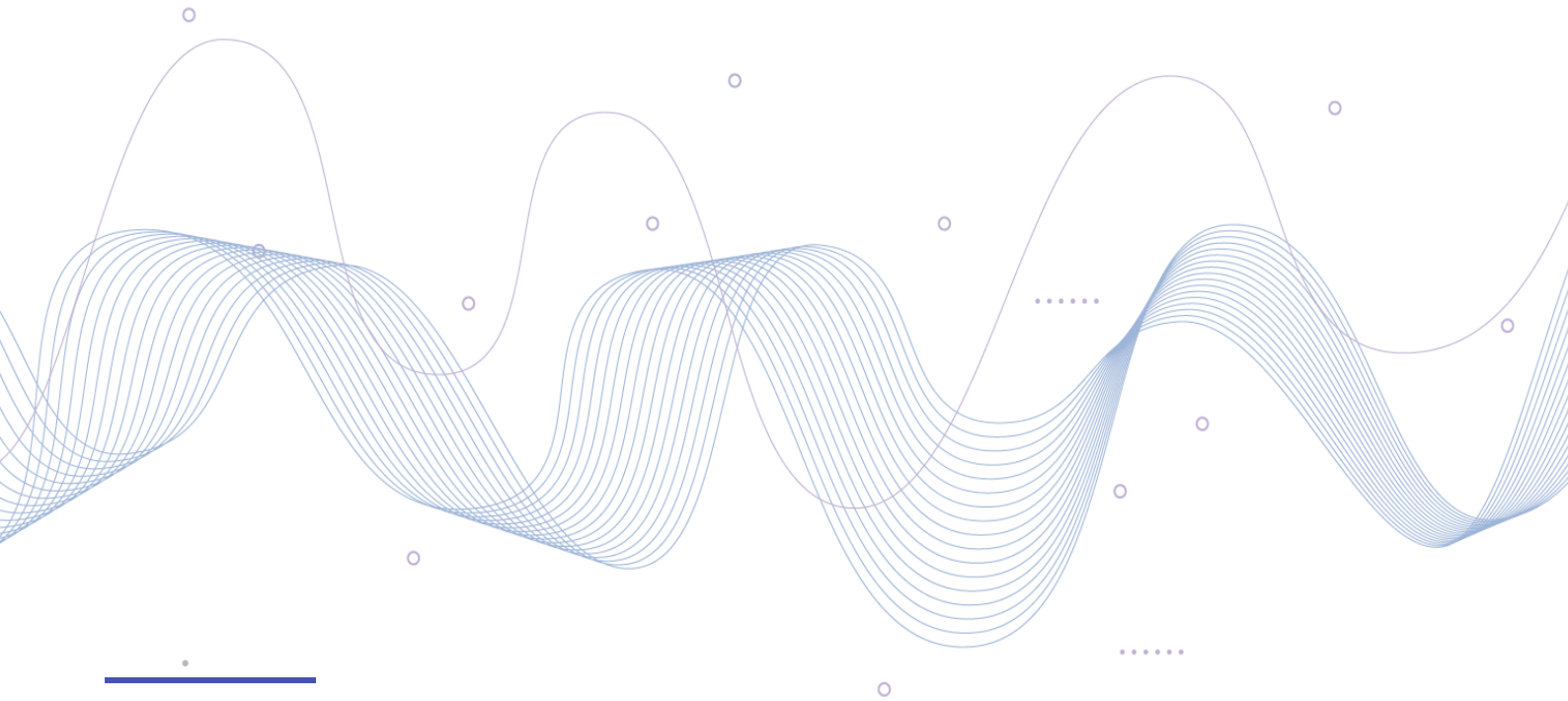
Basic Information about the Doctoral School

Year of Creation

2019

Institution running the doctoral school

Pomorski Uniwersytet Medyczny w Szczecinie



Field of Education	Education Disciplines
Dziedzina nauk medycznych i nauk o zdrowiu	nauki farmaceutyczne nauki o zdrowiu nauki medyczne

Name/Scope of the Education Program (PL)	Name/Scope of the Education Program (EN)
Program kształcenia Szkoły Doktorskiej PUM - cykl I	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle I
Program kształcenia Szkoły Doktorskiej PUM - cykl II	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle II
Program kształcenia Szkoły Doktorskiej PUM - cykl III	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle III
Program kształcenia Szkoły Doktorskiej PUM - cykl IV	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle IV
Program kształcenia Szkoły Doktorskiej PUM - cykl V	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle V
Program kształcenia Szkoły Doktorskiej PUM - cykl VI	Curriculum of the Doctoral School of the Pomeranian Medical University – cycle VI

Characteristics of the Doctoral School

The Doctoral School of the Pomeranian Medical University in Szczecin (SD PUM) was established on 29 May 2019 by Rector's Order No. 58/2019. It provides education in medical sciences, health sciences and, since 2023, pharmaceutical sciences. Prof. Anna Lubkowska, PhD, has served as Director since its establishment. The SD Council, created by Rector's Order No. 150/2024 of 16 October 2024, is an advisory body composed of PUM academic staff holding at least a postdoctoral degree and a representative of the Doctoral Student Council.

The School implements the provisions of the Law on Higher Education and Science concerning the organisation of education, including the appointment of supervisors, preparation of the Individual Research Plan (IRP) and mid-term evaluation, and suspension of education. Doctoral students receive scholarships under statutory rules, and since 2023 an increased scholarship has been available for the top 20% of each cohort.

The School's mission is to educate highly qualified researchers who are capable of independent scientific and teaching work. The School develops research, teaching and social competences, with emphasis on research ethics, interdisciplinarity and international cooperation. Education across three disciplines enables research combining medical, health and pharmaceutical sciences. Each doctoral student develops an IRP based on a research project submitted during recruitment. Education is supported by high-quality research at PUM, confirmed by an A+ category in pharmaceutical sciences and A in medical and health sciences.

The SD development strategy for 2024-2026 focuses on strengthening research potential, enhancing supervisor and student competences, internationalisation and supporting research commercialisation. Doctoral students benefit from extensive university infrastructure, including two clinical hospitals (one equipped with the Da Vinci system), the University Dental Clinic, the University Pharmaceutical Factory producing ATMP therapies, the Test Examination Centre, the Medical Simulation Centre,

the Clinical Research Support Centre and numerous diagnostic and research laboratories. The Technology Transfer Centre supports intellectual property and cooperation with the socio-economic environment. The PUM Library offers over 313,000 volumes and extensive electronic resources (43 databases, over 222,000 e-books and 34,000 journals).

The SD curriculum, aligned with the mission and strategic objectives of the university, includes compulsory and elective courses, seminars, placements and various assessment methods. It supports interdisciplinarity and the development of research, teaching and social competences. A core element is the creation and implementation of the IRP in line with Polish Qualifications Framework (PQF) level 8 learning outcomes.

Learning outcomes are assessed through a multi-stage system including: ongoing assessment, annual supervisor evaluation, analysis of scientific and teaching activity and mid-term evaluation. The final assessment is linked to the preparation and defence of the doctoral dissertation, with anti-plagiarism procedures in place. Transparency is ensured by clear criteria, a uniform grading scale, advance information for students and documenting of all stages of verification. Quality is supported by the University Quality Assurance System, including class observations and evaluation surveys.

Recruitment is conducted as an open competition in accordance with Senate resolutions, with rules published on the School's website and in the Public Information Bulletin. It has two stages: submission and review of a research project, followed by an interview. The regulations provide support for applicants with disabilities and allow the admission of externally funded doctoral students beyond the limit of places.

The mid-term evaluation follows a procedure specified in a Rector's Order. It includes analysis of the substantive and timely implementation of the IRP, the doctoral student's report and three reviews prepared by committee members, including an external reviewer. Meetings are held remotely, and results and documentation are made available to the student. The procedure ensures transparency, impartiality and consistency.

Scientific supervision follows the SD Regulations. Supervisors, appointed within three months from the start of education, provide scientific guidance, consultations, IRP supervision and support in obtaining consent from the bioethics committee. Doctoral students have guaranteed access to research infrastructure, and an individual study plan may be granted in justified cases. The quality of supervision is monitored through surveys and mid-term evaluation outcomes, enabling systematic improvement of supervisory practices.

The SD undertakes extensive internationalisation activities, including cooperation with foreign centres, participation in international research projects, scientific placements, classes taught in English and the "Meetings with Science" lecture series. Publication output of SD doctoral students in 2019-2025 includes 696 co-authored works: 80 Polish articles (31 with IF, total IF 46.718) and 368 foreign articles (344 with IF, total IF 1490.679). Conference presentations are also an important part of scientific activity, including 186 polish and 44 foreign conferences abstracts, reflecting the presence of doctoral students in the national and international scientific community.

On 21 May 2024, a cooperation agreement on the development of doctoral schools in West Pomerania was signed by six universities: the Academy of Art in Szczecin, the Koszalin University of Technology, the Maritime University of Szczecin, the Pomeranian Medical University in Szczecin, the University of Szczecin and the West Pomeranian University of Technology. The agreement covers joint initiatives, exchange of information, mutual promotion of activities, dissemination of the doctoral school concept, joint projects and events, cooperation in securing funding for promotion and commercialisation of research results. The Steering Committee was established, including Prof. Anna Lubkowska as the representative of the PUM's SD.

Additional Information about the Doctoral School

Educating Staff

Numerical data for the evaluation period

Educating Staff	Instructors	Supervisors	Assistant Supervisors
Number of people	11	68	36

Doctoral Students

Number of doctoral students (total): 107

Recruitment during the evaluation period	2019/ 2020	2020/ 2021	2021/ 2022	2022/ 2023	2023/ 2024	2024/ 2025	Total
Number of recruited doctoral students	15	15	17	20	21	20	108
Number of doctoral students who completed the doctoral school	8	8	1	0	0	0	17
Number of doctoral students removed from the doctoral student list	2	1	2	0	1	0	6

Mid-term evaluation results	Positive	Negative
Number of Doctoral Students	83	0

Educational Programs	Number of Doctoral Students
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle I	15
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle II	14
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle III	20
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle IV	19
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle V	22
Curriculum of the Doctoral School of the Pomeranian Medical University – cycle VI	20

Additional Numerical Data on Doctoral Students

Number of foreign doctoral students	3
Number of doctoral students with disabilities	2
Number of doctoral students in the Implementation Doctorate program	0
Number of doctoral students in the EU program	0
Number of doctoral students employed by the institution running the doctoral school as academic teachers or research staff	26

Graduates

Numerical data for the evaluation period

Number of graduates who applied for initiation of proceedings for the award of a doctoral degree	15
Number of doctoral students who completed the doctoral school	12

INFORMATION ON THE ENTITY'S COOPERATION WITH THE DOCTORAL STUDENTS' COUNCIL

The Doctoral School of the PUM (SD) maintains ongoing, constructive cooperation with the Doctoral Student Parliament (DSP), which represents the university's doctoral student community. This cooperation is based on dialogue, partnership and a shared commitment to ensuring high-quality education and scientific development for doctoral students.

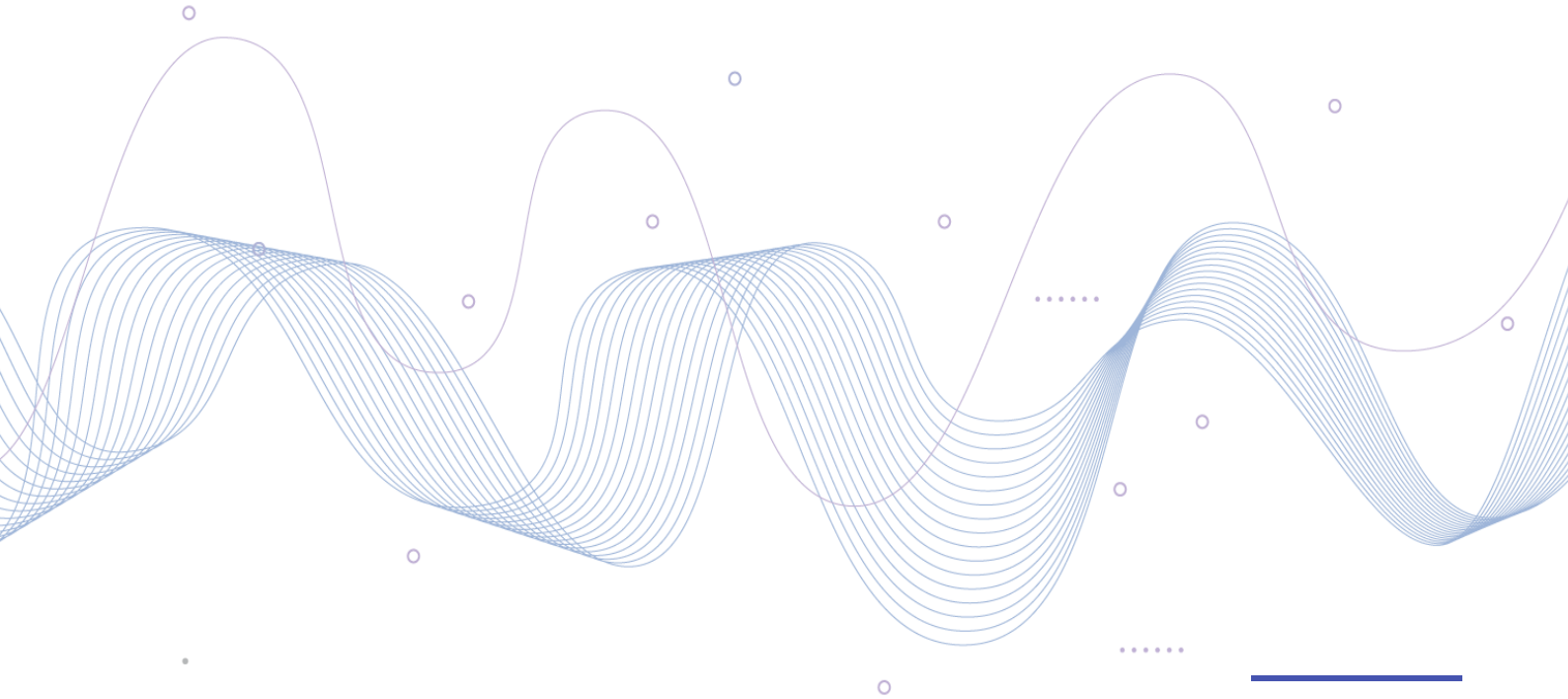
Participation in university bodies

The SD Council includes a representative of the DSP, who actively participates in its work. Thanks to this, the voice of the doctoral community is considered when decisions regarding the functioning of the SD (in terms of education programmes, legal regulations and development plans) are made. The DSP reviews the regulations and education programmes, ensuring that they are adequate to the needs of young scientists and respond to the challenges of contemporary science. Its representatives are part of scholarship committees and participate in interviews with candidates for the SD, which ensures the transparency of the recruitment and scholarship processes. Doctoral students also participate in Scientific Council meetings as observers and represent the community in the Senate.

Good practices and initiatives

-Regular communication and consultation-meetings to discuss issues related to educational conditions, scientific support and the needs of doctoral students.
-Joint training and integration initiatives-DSP organises scientific events, soft skills training and integration meetings for doctoral students to foster the academic environment, also with the participation of the SD Director and University authorities.
-Information activities-communication channels (website, social media) are maintained, news and information about grants and SD initiatives are published.
-External representation-representatives of the DSP and the Director of the SD participate in nationwide events, National Doctoral Students' Representation Meetings, contributing to the debate on doctoral education and scientific policy.

INFORMATION ON THE DOCTORAL SCHOOL GROUPED BY 8 EVALUATION CRITERIA



1. Adequacy of the education program and individual research plans to the learning outcomes for qualifications at PRK level 8 and their implementation

A
The Education Programme(EP) of the Doctoral School(SD) is aligned with the mission and strategic objectives of PUM: delivering education and research at the highest level and supporting the development of academic staff. Its aim is to prepare candidates for the doctoral degree through independent research and successful defence of the dissertation. The EP develops research, teaching, organisational and social competences, as well as independence in planning and conducting research, analysing and disseminating results, fundraising, ethical attitudes and social responsibility in line with the ECR.
Education at the SD is provided in medical sciences, health sciences and pharmaceutical sciences. The EP is common to all doctoral students and discipline-specific needs are addressed through elective courses, scientific activities and the Individual Research Plan(IRP).
Summary of the implementation of 8PQF learning outcomes-*Appx. - 1_8.*

B
Research conducted at the SD is creative in nature. The IRP is drafted by the doctoral student together with the supervisor and verified by the Director of the SD. If errors or formal shortcomings are identified, the student is required to correct the IRP.
Compliance of the IRP with 8PQF includes:
Knowledge: increase knowledge in clinical medicine, biotechnology, pharmacology, toxicology and public health.
Skills: planning in vitro, in vivo and clinical research; applying appropriate methodologies; statistical analysis; data interpretation; critical reasoning.
Social competences: ethics, interdisciplinary cooperation, communication with stakeholders, implementation aspects.

C
The EP comprises compulsory and elective subjects , seminars, internships and various forms of learning outcome assessment. Doctoral students participate in scientific and teaching activities such as publications, conferences, internships, grants, projects, implementation work and science communication. Through the IRP, they acquire advanced knowledge and research methods corresponding to outcomes P8S_WG and P8S_UW. Independent research planning, data analysis, critical interpretation and preparation of publications support the achievement of P8S_UO and P8S_UU, regarding autonomous action and decision-making in complex, including multi-centre, research projects. An integral part of the IRP implementation is the dissemination of research results (publications, conference presentations, participation in research projects and activity within international mobility programs)
Mentioned activities, develops communication and collaboration skills, in line with P8S_UK and P8S_KK. The IRP is implemented in accordance with ethical principles, including respect for copyright and intellectual property, contributing to P8S_WK, P8S_KO and P8S_KR. Progress at each stage is monitored through periodic evaluation, ensuring continuous verification of learning outcomes.

D
Research at the SD is interdisciplinary, covering the entire process from project development to publication, often in cooperation with international centres. This approach prepares doctoral students for research requiring integration of medical, health, pharmaceutical and legal knowledge.
Examples include:
Research methodology(quantitative,qualitative and clinical approaches);
Quantitative/qualitative studies in medicine (statistical,socio-medical,epidemiological methods);
Legal and ethical regulations, experimental standards (law,ethics, medicine);
Public health and healthcare management (medicine,economics, social sciences);
Molecular techniques, cell therapy, nutrigenomics (biotechnology,pharmacology,genetics,medicine).

Cross-cutting skills and competences:
Critical thinking-research methodology, biostatistics, meta-analysis.
Creativity-qualitative/quantitative research, advanced teaching methods.
Research planning-project development, fundraising, healthcare management.
Communication-presenting research (in English), self-presentation.
Teamwork-scientific activity, professional placements.
Ethics-scientific information, legal and ethical standards.

E
The 2019–2025 EP was developed in accordance with the Regulation of the Ministry of Science and Higher Education of 14/11/2018 by the Director of the SD, the SD Office, academic staff and the SD Council. It was reviewed by the Doctoral Parliament and approved by the PUM Senate. The programme is updated annually (published ≥5 months before the academic year). Feedback from lecturers and doctoral student surveys is considered. Adjustments mainly concern workload, forms of classes and methods of assessment.

Self-assessment
The EP and IRP effectively achieve the 8PQF learning outcomes, ensuring the development of knowledge, skills and social competences. Strengths include regular evaluation, consultation and flexible adaptation to scientific needs. Further development in monitoring the IRP outcomes and strengthening the involvement of external experts and international partners in the SD programme is required.

Education programmes-*Appx.1_1-1_7*

2. Method of verifying learning outcomes for qualifications at PRK level 8

A

The rules for verifying learning outcomes at level 8 of the Polish Qualifications Framework (PQF) in the Doctoral School (SD) are set out in the university's internal regulations, in particular in the SD Regulations, Education Programmes and the Resolution on the improvement of the University Quality Assurance System (UQAS). These documents are published on the university and the SD websites, as well as in the Intranet and LeX systems, which ensures easy access for students and graduates, the SD candidates, doctoral students and academic staff.

The scope and methods of verifying learning outcomes (knowledge, skills, social competences) for individual subjects are clearly defined in the Education Programme and syllabuses (learning outcomes assigned to courses, type of classes, methods and criteria for verification, form of assessment: exam, graded credit, ungraded credit).
In accordance with §§38–41 of the SD Regulations *(Appx. 4_5)* and §40(1), course instructors are required to inform doctoral students, before the start of classes, about the required learning outcomes, the form of assessment and examination, and the assessment criteria.
The transparent assignment of assessment forms to specific learning outcomes, together with a unified grading system (grading scale specified in §41 of the SD Regulations), ensures the clarity and comparability of verification results at level 8 of the Polish Qualifications Framework.

The process of verifying learning outcomes in the SD is multi-stage and includes:
-Ongoing assessment of learning outcomes during teaching activities, conducted by course instructors in accordance with the forms of assessment specified in the syllabuses (§39).
-Annual assessment of the doctoral student's progress in scientific work, carried out by the supervisor on the basis of the implementation of the Individual Research Plan (IRP), publication output, participation in conferences and research projects (§38(2)). *(Appx. 2_6)*
-Verification of scientific and teaching activity, carried out by the supervisor and the Director of the SD, based on the Education Programme (§12–13) and the doctoral student's periodic achievement cards (§64(2–3)).*(Appx. 2_5)*
-Mid-term assessment as a formal, key stage in verifying the degree of achievement of learning outcomes, in particular in the area of scientific research and implementation of the IRP (§38(5–8)).
-Final assessment of learning outcomes related to the preparation and defence of the doctoral dissertation, including verification of the originality of the work in the anti-plagiarism system (§46(2)).

B

The transparency of the process is ensured in particular by:
-clearly described rules and forms of verification of learning outcomes in the SD Regulations, the Education Programme and syllabuses,
-the obligation to inform doctoral students in advance about the requirements, forms of assessment and evaluation criteria (§40(1)),
-the use of a consistent grading scale (§41),
-documenting of results in periodic doctoral student achievement cards (§64(2–3)) and in other documents kept at the SD.

The reliability of the verification process is ensured, among other things, by:
-linking the assessment methods used to the intended learning outcomes and the nature of the educational content;
-the use of various verification methods and techniques (written and oral examinations, presentations, written assignments, research projects, assessment of class participation, completion of internships).

The choice of verification methods is strictly dependent on the profile and purpose of the classes:
-in theoretical subjects, lectures and written or oral examinations predominate, allowing assessment of the degree of understanding and integration of advanced knowledge;
-in practical subjects, exercises, presentations and written assignments focused on the development of research, analytical and presentation skills are primarily used;
-in competence modules, assessment is based on the completion of tasks, projects, presentations and teamwork;
-in practical training, pass/fail assessment is used to confirm the completion of specific teaching tasks and participation in classroom observations (§13 of the Education Programme).

The transparency and reliability of the verification process are also supported by systemic solutions within the University Quality Assurance System (UQAS), specified in:
1.Senate Resolution No. 71/2023: *(Appx. 2_1)*
-continuous monitoring of the quality of doctoral education (§7);
-analysis of doctoral programmes and learning outcomes;
-surveys of doctoral students' opinions on the quality of classes, administrative services and educational conditions;
-analysis of the social situation of doctoral students and their level of scientific and teaching mobility.

2. Order No. 136/2023 of the Rector of PUM in Szczecin of 10.10.2023 on procedures for assessing and improving the quality of education at the PUM in Szczecin, introducing the following procedures *(Appx. 2_3)*:
-Procedure for verifying the achievement of learning outcomes at PUM in Szczecin -Appendix 1;
-Procedure for the development, periodic review and improvement of programmes at the PUM in Szczecin -Appendix 2;
-Procedure for ensuring the quality of teaching staff at the PUM in Szczecin -Appendix 3;
-Procedure for monitoring and reviewing teaching and research infrastructure and teaching resources at the PUM in Szczecin -Appendix 4;
-Procedure for supporting students and doctoral students in the learning process at the PUM in Szczecin -Appendix 5.

An important tool for the practical assessment of teaching quality, and indirectly also for the verification of learning outcomes, is the observation of teaching classes (§11–12 of Resolution No. 71/2023):
-it covers classes conducted by doctoral students as part of their teaching practice and other classes in which they participate;
-conducted by visiting teams appointed by the Chair of the UTQAE;
-results are documented in reports, which form the basis for formulating recommendations for improvement.*(Appx. 2_4)*

The results of classroom observations and doctoral student evaluation surveys (§13) are used for a comprehensive assessment of the quality of teaching, as well as to verify the adequacy of the methods used to assess learning outcomes. The following persons are responsible for the transparency and reliability of the verification process:
-the lecturer - for ongoing assessment of the outcomes assigned to the course;
-supervisors - for assessing the progress of the doctoral student's scientific work and competences;
-the Director of the SD-for supervising the correctness of education and verification of outcomes (§19(2) of the SD Regulations) and for participating in the implementation of the recommendations of the UTQAE (§18 of Resolution No. 71/2023).

C
The process of verifying learning outcomes at the SD is treated as an area subject to systematic improvement, based on:
-experience gained from educational practice;
-the results of class observations;
-results of doctoral student evaluation surveys;
-conclusions from annual doctoral student progress assessments and mid-term assessments;
-recommendations of the University Team for Quality Assurance in Education (UTQAE).

The rules for verifying learning outcomes are periodically analysed and modified in connection with:
-updates to the Education Programme and the programme implementation plan;
-adaptation of syllabuses to the requirements of level 8 of the Polish Qualifications Framework and to changes in standards of scientific research;
-the development of teaching methods and assessment tools, including IT tools.

Within the framework of the UQAS (§7 of Resolution No. 71/2023), the following are carried out:
-systematic analysis of the compliance of the verification methods used with the intended learning outcomes;
-identification of areas requiring improvement (e.g. forms of examinations, assessment criteria, methods of documenting results);
-formulation and implementation of corrective and improvement measures. The Director of the SD plays an important role in the improvement process and:
-prepares and implements measures resulting from the recommendations of the UQAS (§18 of Resolution No. 71/2023);
-monitors the effectiveness of the implemented changes;
-provides the UTQAE with feedback on the functioning of the SD and on measures taken to improve the quality of education and the verification of learning outcomes.

Self-assessment
The system for verifying learning outcomes operating at the SD of the PUM in Szczecin meets the requirements of level 8 of the Polish Qualifications Framework and complies with applicable education quality standards.

Its strengths include in particular:
-clear and accessible regulations governing the verification of learning outcomes in the SD Regulations and the Education Programme;
-linking verification methods to learning outcomes in the areas of knowledge, skills and social competences;
-a multi-stage and documented assessment process (ongoing assessment during classes, annual supervisor assessment, mid-term assessment, final assessment related to the defence of the thesis);
-systemic quality support from the UQAS, including classroom observations and doctoral student evaluation surveys;
-clearly defined responsibility for supervising the verification process (Director of the SD, supervisors, lecturers, UTQAE).

As part of improving methods of verifying learning outcomes in the SD, the following is planned:
-further digitisation of the learning outcomes assessment process, including the development of a uniform electronic system for reporting doctoral student progress;
-enhancement of the teaching competences of supervisors and lecturers, including through training in modern methods of verifying learning outcomes;
-systematic reviews of syllabuses in terms of the adequacy of the assigned verification methods to learning outcomes and the level of education.

3. Qualifications of academic teachers or research staff conducting education at the doctoral school

A

The scientific achievements of the SD staff are characterised by high quality and strong relevance to the disciplines in which education is provided. Leading members of staff include professors and doctors of science who head research units and are active participants in national and international projects.
Notable contributors include: Prof.A.Ciechanowicz-an experienced scientist and educator with an established position in the field of molecular genetics of internal diseases, extensive research output, with multiple project leadership roles and a significant contribution to the development of young academic staff; Prof.B.Dołęgowska-a recognised specialist in laboratory diagnostics and microbiology, conducting research on lifestyle diseases, lipidomics, oxidative stress and microbial infections, with broad project and publication achievements, long-standing international cooperation and the position of National Consultant in laboratory diagnostics; Prof.M.Droździk and Prof.A.Jakubowska-renowned researchers in pharmacogenomics and cancer genetics, collaborators in European consortia and authors of highly cited works; Prof.D.Kosik-Bogacka-a specialist in parasitology and molecular biology with documented scientific and supervisory experience; Dr hab.A.Kładna-a researcher in the history of medicine and bioethics with extensive teaching and organisational achievements; Prof.K.Skonieczna-Żydecka-a prolific author involved in Horizon Europe and NCN projects, specialising in translational microbiota research, an expert in research evaluation and an interdisciplinary scholar in public health, social medicine and medical biology; Prof.E.Stachowska-a researcher in clinical nutrition and metabolomics, leader of diet-therapy projects; Prof.J.Clark-a scientist with international experience and outstanding expertise in biostatistics and research methodology; and Dr E.Cecerska-Heryć-whose research concerns oxidative, immunological and regenerative processes in molecular and translational contexts.

The activity of the SD teaching staff fully corresponds to learning outcomes at level 8 PQF, including advanced specialist knowledge and the ability to conduct independent research. High bibliometric indicators, participation in international projects, research team leadership and expert activity confirm the scientific potential of the staff and ensure that all requirements for education at this level are met.
A particularly high number of publications with significant impact factor and ministerial score has been achieved by: Prof. A. Jakubowska (711 publications, IF2772.492), Prof. A.Ciechanowicz (611 publications, IF 29.233), Prof.M.Droździk (466 publications, IF 640.624), Prof.E.Grochans (558 publications, IF445.414), Prof.E.Stachowska (525 publications, IF471.828)and Prof.K.Skonieczna-Żydecka (327publications,IF 792.157).

B

The SD teaching staff have extensive pedagogical experience and systematically develop their supervisory competences. The most experienced supervisors are: Prof. B. Karakiewicz-34 theses, Prof. A. Ciechanowicz-25, Prof. E. Grochans-24, Prof. M. Droździk-21, Prof. B. Dołęgowska-14, Prof. E. Stachowska-12, Prof. D. Kosik-Bogacka and Prof. K. Skonieczna- Żydecka-8 each and Prof. A. Jakubowska-6.
The activities undertaken by the SD teaching staff include a wide range of teaching and organisational activities that strengthen the competences necessary to work with doctoral students, including managing postgraduate programmes, delivering specialist courses and methodological training, organising research-methodology workshops and providing mentoring. They participate in programme committees, education-quality teams, and serve as reviewers and jurors at student research group conferences, enhancing their competency in evaluation of scientific work and support the development of young researchers.
The SD teaching staff professional development is further reinforced by involvement in university structures. Many serve on the SD recruitment and mid-term evaluation committees, they are members of the SD Council, the Senate and the Scientific Councils. Participation in these bodies directly contributes in shaping of the education-quality policies, recruitment standards, strengthens their competences in supervising of doctoral students' scientific development and improving the educational system

C

PUM ensures systematic and comprehensive verification of teaching staff qualifications, based on the UQAS procedures. Competences are assessed as part of periodic staff evaluations, (review of scientific achievements, quality of teaching ,organisational activity engagement). These activities are supported by classroom observations carried out to assess the compliance of the content covered with the curriculum and the manner in which classes are conducted.
In the 2022/2023 academic year, classroom observations were conducted for Biostatistics. The committee confirmed full compliance with the programme, appropriate organisation of classes and adherence to teaching requirements. No comments were raised regarding the content, course delivery or lecturer preparedness.

An important component of quality assurance is the survey completed by doctoral students, assessing the substantive and didactic preparation of lecturers, communication and class organisation. Survey results constitute significant feedback and are analysed by the UTQAE, responsible for monitoring teaching conditions, verifying the alignment of programmes with learning outcomes and supervising quality of education at the S level. To date, no reservations regarding the performance of the SD staff or situations requiring intervention have been reported. The organisational solutions in place ensure ongoing assessment of teachers' work and guarantee that required standards of education quality are maintained.

Self-assessment

The SD staff represent a team of experienced academic teachers and active researchers covering the main areas of medicine,

health sciences and pharmacy *(Appx.3_1-3_3)*. Their profiles confirm substantial scientific achievements, participation in research projects, and extensive teaching and supervisory experience. High-quality and active support for doctoral students in developing independent research skills are confirmed by survey assessments and staff evaluations.
Strengths of the staff include: a high level of internationalisation, numerous supervisory roles leading to completed doctorates, participation in national and international projects, managerial experience and recognised expert activity. The staff also contribute significantly to the organisation of the education process through engagement in recruitment committees, quality-assurance teams, unit councils and university collegial bodies.
In the development perspective, it is advisable to continue strengthening the international dimension of the teaching staff by increasing the involvement of visiting lecturers and researchers from foreign academic institutions.

4. Quality of the recruitment process

A

The Doctoral School (SD) ensures complete and unrestricted accessibility of all legal acts and information relating to its organisation and operation. This is achieved through the systematic publication of documents on both the SD website and in the Public Information Bulletin. Documents are uploaded in a timely manner, and their validity, completeness and internal consistency are verified by designated SD Office staff to maintain accuracy and compliance.
The website is structured clearly, with logically organised sections dedicated to doctoral education, current announcements, recruitment, and cooperation with external institutions. This arrangement enables users-prospective candidates, doctoral students, graduates and academic staff-to locate relevant information efficiently. The website functions as the primary, authoritative source of information, ensuring transparent access to documents, procedures and updates.

B

Recruitment to the SD is conducted based on a Senate resolution, which precisely defines the rules, procedures and criteria for admission. It is carried out as an open competition in the disciplines of medical sciences, health sciences and pharmaceutical sciences. Comprehensive information on the recruitment principles is published in the "Recruitment" tab of the SD website, in the Public Information Bulletin, on PUM social media channels and during information meetings for students.
All recruitment documents are made available no later than 5 months before the start of the recruitment period, ensuring full transparency and equal access for all applicants. The composition of the selection committees is published at a later stage, as committee members are chosen according to the thematic scope of projects submitted by candidates.(Appx.*4_6)* All regulatory resolutions are published punctually.
During the evaluation period, the University underwent a major website migration, which temporarily reduced the visibility of some documents. The SD monitored this process closely and implemented corrective actions to restore complete accessibility. The recruitment rules themselves remain compliant with the Higher Education and Science Act, transparent in structure, and contain a full description of the admission conditions, assessment criteria, stages of qualification and decision-making rules.
The publication of a list of potential supervisors and research areas is an additional strength, significantly facilitating candidate preparation and supporting accessibility.

C

Eligible candidates include individuals holding a master's degree or equivalent, as well as those meeting the criteria of Article 186(2) of the Higher Education and Science Act. Candidates may not be enrolled simultaneously in another doctoral school. Proof of foreign-language proficiency at B2 level is required, and foreign nationals must also demonstrate knowledge of Polish. From 2025 onwards, electronic registration will be mandatory.
Following registration, candidates must submit a complete documentation package: an application form, research project, qualification documents, diploma supplement, confirmation of language proficiency, proof of payment of the recruitment fee and, in the case of medical fields, a valid licence to practise. If applicable, a copy of disability certificate should be submitted with application. Candidates may additionally provide language certificates, academic achievements or documentation of activity in student organisations. Formal verification is carried out by the SD Office, while the SD Director issues the decision on admission to the qualification procedure. Recruitment consists of two stages: evaluation of the research project and an interview. The Qualification Committee, appointed by the Rector, is selected in accordance with the thematic areas of submitted projects and also acts as reviewer.
The project is assessed for: relevance and clarity of the research topic, formulation of research aims, adequacy of material and methodological design, expected benefits and innovative aspects, feasibility and implementation potential, quality and currency of literature, linguistic and stylistic correctness.
A positive review qualifies the candidate for an interview, during which the candidate presents the project and responds to reviewer and Committee questions.
Assessment includes disciplinary knowledge, preparedness for the project, communication and presentation skills, and the ability to discuss and formulate substantive opinions. Committee members score the candidate independently; the average score is recorded in the minutes. Absence from the interview results in automatic disqualification.
The final outcome consists of the project review, interview score, grade average, knowledge of an additional foreign language, scientific achievements and documented organisational involvement. Admissions are made within the limit of places set by the Rector, *(Appx. 4_15)* and results are published online.

Candidates whose education is funded through external research projects may be admitted beyond the standard limit, with the Rector's approval, provided they meet all qualification criteria and financing is secured from project funds. Two such candidates were admitted in 2021 (one later expelled, one defended), and two in 2022, both continuing their studies.

Between 2019 and 2025, the Rector received eight requests for reconsideration. All were processed within statutory deadlines, with support from the SD Office and Legal Department. Seven original decisions were upheld; one was overturned following re-evaluation of points. No procedural objections have been raised to date.

D

Candidates with disabilities or special needs may request adaptation of interview conditions. Such adaptation ensures equal opportunity but does not exempt the candidate from participation in the interview itself. The application must include a

current medical certificate or relevant statement. The Committee Chair issues consent after consultation with BON. Between 2019 and 2025, no requests for adapted interview conditions or adapted document submission procedures were submitted.

E
The verification of candidates' aptitude for scientific activity is based on the research project evaluation and the interview. During the interview, the candidate presents the project and responds to comments from the reviewer and Committee. This process allows assessment of the ability to formulate research problems, knowledge of research methods, analytical skills and quality of reasoning and presentation. Ethical considerations, including readiness to apply to ethics committees, are also discussed.
Assessment also considers previous scientific achievements, grade point average, organisational involvement and foreign-language competence, allowing for a comprehensive evaluation of the candidate's preparedness and potential.
Experience confirms that the verification model used by the SD is effective and well aligned with the nature of doctoral education. Admitted candidates carry out the research projects presented during recruitment; occasional adjustments are limited to necessary clarifications. No cases of insufficient competence hindering project completion were identified during the evaluation period.

F
Recruitment resolutions are updated every year.*(Appx. 4_7-4_13)*
In 2020, regulations concerning foreign nationals were expanded, project and achievement requirements clarified, a B2 language exam introduced, an application fee has been introduced *(Appx. 4_14)* and recruitment from NCN projects enabled.
In 2021-2022, modifications were mostly organisational.
In 2023, pharmaceutical sciences were added, regulations for foreign candidates revised and the language exam replaced with mandatory B2 documentation.
In 2024, amendments resulting from changes in doctoral student employment regulations and procedures for persons with disabilities were incorporated.
In 2025, rules concerning candidates under Article 186(2), electronic registration, medical-licence requirements and external-funding procedures were clarified.
These modifications strengthened transparency, objectivity and compliance with current legislation. Recruitment was conducted annually, except in 2022, when a supplementary process was announced due to unfilled places after candidates did not pass the previously compulsory language exam.

Since 2020, evaluation surveys have served as an essential tool for improving recruitment. Results confirm a high level of transparency and organisation. Most respondents were PUM graduates (80.77%) and first-time applicants (87.18%). Candidates evaluated website transparency highly (71.79%) and information availability (75.64%); 98.72% considered the recruitment rules clear. Variation in ratings of the language exam contributed to its removal. Cooperation with supervisors (96.15% very good), interview organisation (88.16% very good) and SD Office service (92.31% very good) were rated exceptionally positively. Survey feedback has been instrumental in refining procedures and ensuring alignment with candidate expectations.

Self-assessment
The recruitment process at the SD is transparent, timely and compliant with all regulations. The applied criteria reliably evaluate candidates' aptitude for scientific work. Continuous review of resolutions and survey findings confirms the effectiveness of the adopted procedures and supports ongoing improvement. Experience demonstrates that the recruitment model consistently selects candidates well prepared for doctoral-level education.
Recruitment documents (Appx.*4_1-4_16)*

5. Quality of scientific or artistic supervision and support for conducting scientific activities

A
The process of appointing supervisors at the Doctoral School (SD) is based on formal rules set out in the Regulations. Under §56(2), the supervisor and assistant supervisor are appointed by decision of the SD Director within 3 months of the start of education. The requirements for these roles are defined in §57(1): a supervisor must be employed at PUM and hold at least a postdoctoral degree, while an assistant supervisor must hold a PhD. This ensures high supervisory competence, confirmed by survey results showing that doctoral students view their supervisors as knowledgeable, accessible and committed.
Doctoral students frequently select their supervisors based on prior collaboration during studies, research groups or joint projects. Survey data indicate high satisfaction with the supervisory relationship, reflecting accurate, experience-based choices.
Changes of supervisor, permitted under §§62–63, are rare and usually due to organisational issues, long-term illness, workload or the need to transfer supervision to an assistant supervisor more involved in the project. All changes proceed with consent of the parties and continuity of IRP supervision. The SD Director acts as mediator and decision-maker.

B
Pursuant to §60, the supervisor provides substantive guidance, regular consultations, supervision of the IRP, verification of progress and support in preparing publications. Together with the doctoral student, the supervisor submits an application and participates in the KB meeting to obtain approval for the planned research. At the recruitment stage, supervisors confirm the availability of research funding, and Heads of Units declare the availability of teaching hours for internships.
Survey results show that more than 95% of doctoral students rate supervisory support as very good or good. High scores relate to consultation availability, methodological advice, timely discussion of results and clarity of communication.
Mechanisms for resolving difficulties are clearly defined. PUM provides a Student and Doctoral Student Ombudsman and a Commission for Counteracting Mobbing and Discrimination. Surveys confirm that doctoral students are aware of these support options. Conflict situations are very rare: 1.29% reported problems with respect and 3.85% difficulties with cooperation. These results demonstrate the effectiveness of procedures, good communication and early intervention when needed.

C
In accordance with §22(6–7), doctoral students have access to research infrastructure, laboratories, equipment, specialist software and PUM library resources. Surveys confirm high satisfaction: 80.76% rated their access as “very good” and 16.66% as “good,” supporting efficient research implementation. The supervisor’s role is crucial; under §60 they are responsible for organisational and substantive support and IRP oversight. Over 95% of doctoral students assess this support positively, emphasising assistance in planning and organising research, preparing publications and presenting results.
The Regulations provide for individualised support:
– for students with disabilities: adaptation of the education process (§31), assistance from office for persons with disabilities and access to support tools;
– for doctoral students who are parents: the possibility to suspend studies (§44);
– for students in difficult circumstances, including health issues: the possibility to take a break from education (§45).

D
The involvement of external experts is a permanent element of quality assurance. Under §50(2–3), the mid-term evaluation committee must include a professor or doctor habilitated employed outside PUM, ensuring objectivity and independent oversight of IRP implementation.
§57(2) allows for the appointment of a second supervisor from a foreign university, particularly in co-financed or international projects. Although there are currently no active foreign supervisors, SD collaborates with assistant supervisors from other national institutions, and doctoral students cooperate with foreign research centres.
Survey results confirm effective support for establishing scientific cooperation (94–96%) and participation in international activities (approx. 95%). Scientific events such as *Meetings ith Science* also provide regular contact with distinguished external experts.

E
Verification of supervisory quality results from regulatory obligations (§60), mid-term evaluation (§50) and the annual “Supervisor Evaluation.” The survey is not anonymous, enabling the SD Director to analyse individual cases and take corrective measures where necessary. Transparency increases credibility, and practice shows that doctoral students provide critical feedback when justified.
Most evaluations are highly positive, with excellent scores for availability, consultation quality, substantive guidance, assistance with publishing and access to infrastructure. Isolated lower ratings are examined in detail. The two-way evaluation process provides a comprehensive picture of cooperation. Positive mid-term evaluations confirm correct IRP implementation and high supervisory standards.
The combined system of surveys, mid-term assessments and SD Director oversight ensures effective quality control and continuous improvement of supervisory practices.

Self-assessment
Academic supervision at the SD is of a very high standard. The appointment process is orderly and based on clear criteria,

ensuring competent supervisors and positive cooperation experiences. Supervisors provide dependable substantive and organisational support, and existing procedures effectively resolve the few reported difficulties. The SD offers broad access to research infrastructure and flexible support tailored to doctoral students' individual circumstances, facilitating the completion of research plans.

Mechanisms for verifying supervisory quality function effectively and provide a full picture of cooperation, enabling ongoing improvements. The system is stable, responsive to doctoral students' needs and demonstrates high quality, though continued attention is required to address occasional communication issues and to strengthen the involvement of foreign supervisors.

6. Integrity of the mid-term evaluation process

A
The criteria for the mid-term evaluation (MTE) and the rules governing its implementation are set out in PUM Rector's Order No. 29/2023, which unified the provisions of earlier regulations. Previous changes were formal or technical only. The MTE is based on an analysis of documents submitted by the doctoral student: the research project, the IRP, the IRP implementation report and the supervisor's opinion. Reviewers assess the documentation using a uniform form containing a 0–5 scoring scale and a descriptive section. A minimum score of 3 is required for a positive result. The form, used for several years, ensures comparability of assessments and clarity of criteria.
Organisational rules, including committee appointment, voting procedure and document templates, are specified in the annexes to the Order and applied uniformly to all doctoral students. The criteria and rules for the MTE are public: they are available on the SD website and explained during information meetings organised by the SD Director. First-year doctoral students are instructed on preparing the IRP and the course of study; second-year students receive detailed guidance on the MTE requirements. This guarantees full and clear access to the rules.

B
The MTE Committee is appointed individually for each doctoral student by the SD Director on behalf of the Rector. It consists of three members, including at least one holding a postdoctoral degree or professorial title in a discipline corresponding to the dissertation topic and employed outside PUM. The supervisor and assistant supervisor may not sit on the Committee. Members are selected based on academic achievements and, in the case of the external reviewer, the compatibility of their discipline with the doctoral thesis. The SD Director chairs all committees, ensuring uniform interpretation of criteria, consistency of standards and proper conduct of the procedure. This also ensures comparability of assessments and transparency for doctoral students, who can be confident that the evaluation is carried out in accordance with regulations.

C
The Committee's meetings are held remotely using secure electronic means of communication that enable real-time transmission and two-way communication. The minutes are signed by the Chair of the Committee.

The procedure consists of three stages:
-Stage I – submission of the report: the doctoral student submits the required documents and the IRP implementation report to the SD Office within the deadline specified in the schedule.
-Stage II – deliberations of the Committee and preparation of reviews: The Director of the SD appoints members of the Committee who also act as reviewers, who receive the doctoral student's documentation (report, IRP, supervisor's opinion, research project) in electronic or paper form. On this basis, the Committee analyses the course of education, scientific progress and the degree of implementation of the IRP. Reviewers use a standardised form containing a scoring scale and a descriptive section, allowing them to provide individual comments and recommendations. This solution guarantees equal assessment criteria while maintaining the possibility of providing substantive comments.
-Stage III – announcement of results: The Committee makes a decision by open vote in the Votex system, determining the result as positive or negative. Minutes of the meeting are drawn up in accordance with the applicable template.

Doctoral students do not participate in the Committee's meetings, except in situations requiring explanations in the event of irregularities or delays, which are recorded in the minutes. The documentation for each MTE includes: a letter appointing the Committee, the doctoral student's report, 3 reviews, the minutes of the meeting and printouts from the Votex system. Doctoral students receive information about the outcome of the external review by e-mail and have the right to inspect the documents at the SD Office.

Summary of the number of committees appointed and MTE conducted:
-in 2021 – 12;
-in 2022 – 13;
-in 2023 – 18;
-in 2024 – 19;
-in 2025 – 21.

All of the Commission's meetings to date (83) have ended with a positive assessment, with varying scores.

The mid-term evaluation is conducted halfway through the doctoral programme and is an important element of monitoring the implementation of the IRP. In 2023, one of the doctoral students, studying in a six-semester programme, underwent the mid-term evaluation during the fourth semester.

D
Between 2021 and 2023, three Rector's orders governed the MTE procedure (Nos. 43/2021, 40/2022, 29/2023). The differences were purely formal, mainly updating academic-year references. In 2023, the regulation was standardised and made

permanent, improving organisational consistency. The purpose of the MTE remains the verification of IRP implementation and assessment of scientific progress.
Committees continue to be appointed individually, ensuring appropriate expertise and disciplinary relevance. A significant improvement was the replacement of full paper circulation with electronic transmission of scans, while keeping signed reviews and financial documents in paper form. The remote format introduced during the pandemic proved effective and remains in use, ensuring efficient organisation.

Self-assessment
The doctoral student assessment process at the SD is based on clearly defined and uniform regulations that apply to all participants in the education process. The use of a standardised template for the order ensures consistency and transparency of procedures, while eliminating the need for annual updates to documents. The assessment committee includes an external member, which guarantees impartiality and objective decision-making. The use of a standardised review form with a scoring scale ensures that all doctoral students are treated objectively. The documentation is kept in a transparent manner and doctoral students have full access to their files. The efficient remote mode, which significantly improves the organisation of committee meetings and increases their accessibility, is also worth highlighting. The high level of preparation of doctoral students for the MTE is the result of regular information meetings and consultations. In further improving the process, we see a need to introduce a systematic analysis of the results in subsequent years so that it is possible to monitor the progress of doctoral students in the long term.

Documentation concerning the MTE at SD PUM *(Appx. 6_1 - 6_4)*

7. Internationalization

A

The SD staff are actively engaged in international cooperation through partnership initiatives and participation in scientific and educational events, including joint research projects, foreign conferences and collaborations confirmed by co-authored publications. Conduct classes in English at first- and second-cycle programmes, as well as within the SD, requires specialist language competences and enables delivery aligned with international standards. Cooperation between supervisors, research staff and foreign institutions provides doctoral students with access to modern laboratories, advanced research methods and opportunities to establish partnership relations in international scientific networks. Educational materials developed within international projects are also used. Academic exchange is supported through ERASMUS+ and National Agency for Academic Exchange (NAAE).

Foreign centres cooperating with the SD employees are:
-University of British Columbia (Canada) – research internships and cooperation (B. Karakiewicz, A. Kładna)
-Arthritis Research Centre of Canada – research cooperation (B. Karakiewicz)
-University of Connecticut Health Centre (USA) – scientific training (B. Karakiewicz)
-Deutsches Krebsforschungszentrum DKFZ, Heidelberg (Germany) – research stay and UICC Fellowship (A. Jakubowska)
-Fraunhofer Institute for Cell Therapy and Immunology, Leipzig (Germany) – research internship (E. Cecerska-Heryć)
-University of Pennsylvania (USA) – research and training internship (M. Giezek)
-Université de Lausanne (Switzerland); Universität Freiburg (Germany) – research internships (M. Giezek)
-Gene Therapy Laboratory, Pamplona (Spain) – research internship (M. Giezek)
-Catholic University of Bethlehem (Palestine) – teaching internship (A. Kładna)
-University of Göttingen (Germany) – scientific cooperation (D. Kosik-Bogacka)
-University of North Carolina at Chapel Hill; University of Edinburgh – international course in research data management (T. Nowocień)
-Lausanne, Freiburg, Pamplona, University of Pennsylvania – cooperation in internal medicine/gene therapy (M. Droździk)
-Max Planck Institute for Molecular Plant Physiology (Germany); Long Ashton Research Station (UK) – postdoctoral and research work (J. Clark)

Ongoing international projects and grants:
-Horizon Europe – IMMEDIATE project (ID 101095540), participation of PUM and leadership of Work Package 3 (K. Skonieczna-Żydecka)
-COH-FIT project (over 40 countries) – Polish section led by K. Skonieczna-Żydecka
-Erasmus+ "MultiCultiMed" (2024–2027) – consortium of universities from Spain, Slovenia, Cyprus, Germany and Ukraine; project management team member (A. Kładna)
-International biomedical and public health projects with partners from Spain, Belgium and Germany (B. Karakiewicz, K. Skonieczna-Żydecka)
-International pharmacogenomics and pharmacokinetics collaborations (M. Droździk) with centres in Germany, Sweden, Norway, Switzerland and Japan on genetic determinants of drug metabolism and therapeutic efficacy.

B

The SD curriculum includes elements developing the competences required for scientific activity in an international environment. Selected courses, such as "*Presentation of Research Results"* and "*Biostatistics"*, are delivered fully or partially in English. Doctoral students undertake research internships abroad in accordance with the regulation and project provisions, and the individual study path facilitates mobility and research trips. Internships were conducted, among others at the University of Newcastle (Australia), BC Cancer Research (Canada), the Medical University of Rostock (Germany), Utrecht University (Netherlands), clinics in Vienna (Austria), Santiago de Compostela (Spain), Columbia University (USA) and Cardiff University (UK).
As part of IPB activities, doctoral students participate in projects conducted with foreign partners and present research results in English. Between 2019 and 2025, they co-authored 368 international publications (IF 1490.679; 41,925 MNISW points) and participated in 44 international conferences.

C

The SD provides education in Polish, with selected subjects taught in English. Accordingly, candidates must demonstrate at least B2 proficiency in Polish. Foreign applicants do apply, predominantly individuals already living and working in Poland, in particularly medical residents. Presently, four Ukrainian citizens study at the SD who meet the language requirements. The SD supports the integration of foreign doctoral students through an individualised approach to study organisation and by enabling consultations in English. An important initiative promoting internationalisation is the open lecture series "*Meetings ith Science"*, aimed at presenting current achievements in medicine and health sciences, integrating the academic community, fostering exchange of ideas, strengthening English-language competences and supporting the formation of future partnerships. Invited speakers have included:
-Prof. M. Kipp (Germany)-neurobiology and pathophysiology of nervous system diseases
-Prof. J. Jankowski (UK)-*Cancer prevention*
-Prof. M. Mazur (Italy)-environmental and maternal determinants of child development and odontogenesis
-Prof. Ch. Richter-Ehrenstein (Germany)-*Cancer risk in gynaecology*

-Prof. A. Koulaouzidis (UK)-modern endoscopic technologies
-Dr J. Kirwan (Germany)-metabolomics in biomarker research
-Prof. M. Machuca (Spain)-role of pharmacists in public health transformation
-Prof. T. Antanas Mekas (Lithuania)-cancer across historical, pharmaceutical and psychosocial perspectives
-Dr R. Jurkowska (UK)-epigenetic regulation in lung repair

The SD does not offer a full English-language programme, yet. Despite the lack of this, the SD strengthens its international recognition through staff and doctoral student cooperation with foreign centres, participation in projects, research presentations in English and involvement in international scientific events.

Self-assessment
Internationalisation at the SD is implemented within the organisational and human resources available at PUM and in line with the Polish-language profile of the programme. Although, there are no dedicated incentives for foreign staff, the unit maintains contacts with European academic centres, fostering potential future cooperation. In 2024, the SD submitted an application to NAAE for funding to enhance internationalisation. The proposal was unsuccessful, but further applications are planned.
The strengths of the SD are: staff involvement in international projects, teaching and research presentation in English, active cooperation between doctoral students and foreign research centres.
The lack of a full English-language programme and promotional activities aimed at foreign candidates remain a certain limitation. The next step of internationalisation include increasing the number of courses taught in English, with the future possibility of launching an English-language or international SD programme.

8. Effectiveness of doctoral education

Percentage of individuals who obtained a doctoral degree	Doctoral students who applied for initiation of proceedings for the award of a doctoral degree	Doctoral students who were awarded a doctoral degree	Doctoral students who were denied the award of a doctoral degree
in the number of doctoral students who completed their education at the doctoral school during the evaluation period	88 %	71 %	0 %
in the total number of doctoral students who completed their education at the doctoral school	75 %	60 %	0 %

During the evaluation period, the effectiveness of educational implementation was as follows:
-2019 intake-7 admissions, 6 defences, 2 removals;
-2020 intake-8 admissions, 6 defences, 1 removal;
-2021 intake-1 initiation, 2 withdrawals;
-2023 intake-1 withdrawal.
Most doctoral students extended their dissertation submission deadlines by two years due to research challenges during the COVID-19 pandemic period and publication delays. Six doctoral students suspended their studies.

A total of 91.35% of doctoral students participated in surveys assessing the functioning of the SD. Administrative services received very high ratings: quality of information and staff availability – 89.83%; competence and effectiveness – 91.58%.

Quality of education assessments:
First year – participation 90%; results: teaching preparation and commitment – 91.45%, organisation – 93.14%, social competence – 95.99%.
Second year – participation 85.71%; results: 76.73%, 88.42%, 90.97%.
Third year – participation 84.21%; results: 85.41%, 85.41%, 88.54%.
Fourth year – participation 73.68%; results: 85.71%, 72.81%, 92.86%.
Other responses were predominantly good or very good, with no negative evaluations. Only a few satisfactory ratings appeared, representing a marginal proportion and indicating minor areas for improvement.

The SD monitors graduate outcomes. Forty-one graduates are employed at the PUM: 26 academic teachers, 14 technical staff, and 1 administrative employee. Around 50% continue academic careers, and two serve as assistant supervisors.

The high proportion of completed proceedings and defences, with no refusals to award degrees, confirms the effectiveness of education and the adequate preparation of doctoral students. Survey results consistently highlight the strong performance of teaching staff and administration. Employment at the PUM and the assumption of supervisory roles by graduates further demonstrate the impact of the SD education on developing the unit's human resources potential.

1. nauki medyczne

Achievement Description

During the evaluation period, doctoral students distinguished themselves through high scientific activity, including the implementation of grant projects, patent initiatives and extensive international cooperation. The scale, diversity and sophistication of the activities undertaken clearly confirm their growing research independence and ability to conduct research of national and international significance.

An important area of activity was the implementation of scientific grants.
One of the key projects was Weronika Bielka's project funded by the Polish Diabetes Association. The grant, worth PLN 125,000, awarded for a period of 36 months from 23 May 2024, covers research on "The relationship between selected

molecules involved in the regulation of energy metabolism and anthropometric parameters, the degree of metabolic control and the course of the disease in patients with type 1 diabetes". This project addresses the needs of modern diabetology, and its comprehensive nature requires both clinical competence and advanced laboratory knowledge.

PhD student Nina Ewa Komaniecka received PLN 209,860 in funding from the NCN - Preludium-24 programme for the project ‘Proteomic characterisation, transcriptional and epigenetic regulation of drug transporters in colorectal cancer’. The aim of the project is to conduct a detailed analysis of drug transport proteins in healthy intestines, liver, and cancer and metastasis tissues. The study will help to identify drug resistance mechanisms and provide unique data enabling personalised therapy for colorectal cancer patients. The biological material comes from the same patients, which makes the project unique on a global scale.

Alina Zuchmańska's involvement in the preparation of two projects submitted to the Medical Research Agency is also particularly noteworthy. The first, "Venetoclax-Enhanced Reduced Intensity Conditioning for AML/MDS Patients Non-Eligible for Intensive Treatment-Bicentric Prospective Study", envisages 60 months of research from 1 August 2025. The project has been positively evaluated by the PUM competition committee and is awaiting a decision from the ABM, with the doctoral student acting as clinical coordinator. The second project, involving 42 months of research starting on 1 September 2026, concerns the impact of a "High-protein, low-carbohydrate diet (HPLCD) on infectious complications and immune system regeneration after allogeneic haematopoietic cell transplantation". This project has also received a positive internal evaluation from the PUM competition commitee, and the doctoral student acts as the substantive manager. These applications confirm the doctoral student's research skills and high level of preparation for conducting clinical research.

Among the other grants, projects financed by the National Science Centre occupy an important place. Between 2020 and 2024, Marta Gliźniewicz carried out the Preludium 19 project (DEC-2020/37/N/NZ9/02947) entitled "Analysis of bacteriophage activity in a Candida albicans/Staphylococcus aureus two-species biofilm under the pressure of ciprofloxacin and fluconazole". This research addresses one of the key challenges in modern microbiology: antimicrobial resistance.

Equally advanced was the Preludium 19 project (DEC-2020/37/N/NZ6/03033) by Agata Michnowska, implemented since November 2020, covering 36 months of research on "The effect of the BK virus on viremia and biomarkers of immune response in the urine of kidney transplant recipients" with a value of PLN 172,758. These projects are part of both research on opportunistic infections and modern transplantology.

Grant activity also includes Weronika Pawlik's project financed by the Science Stimulation Fund (FSN-122-07/23), implemented in 2023-2025. The research concerns changes in blood pressure profile, NT-proBNP and high-sensitivity troponin T in children with haematopoietic malignancies during intensive fluid therapy, which is an important contribution to the development of paediatric oncological cardiology.

The doctoral students' activities also included implementation projects, such as Barbara Gronwald's mini-grant as part of the "Science4Business" project, carried out under the "Development Incubator" programme from 25 August 2025 to 15 January 2026.

The second area of key importance is patent activity. Marta Gliźniewicz obtained two patents in 2025: "Two-stage process for the production of bacteriophages assisted by an electromagnetic field" (application no. P.445480) and "Two-stage process for the production of bacteriophages" (application no. P.445477). Earlier, in 2023, she obtained a patent for a "Device for testing upper respiratory tract protection agents exposed to solid particles suspended in gas" (application no. P.440186).

Patrycja Olszewska showed similar activity, obtaining two patents in September 2025 (nos. PL 247972 B1 and PL 247973 B1) concerning bacteriophage production processes.

Jan Bińkowski co-authored a series of patent applications covering diagnostic technologies using epigenetic markers, including "Methods for distinguishing biological sample
types" (No. P.443998), "Methods for assessing epigenetic changes in cancer diagnosis" (No. P.444000) and "Computer technologies for determining biological age" (No. P.444001). The scale and subject matter of the applications confirm the intensive development of doctoral students' competences in the field of translational medicine, biotechnology and bioinformatics.
The strengthening of doctoral students' potential was also facilitated by extensive international cooperation.

Ewa Kostrzeba is participating in the Evira project, carried out in cooperation with Sweden, concerning digital support for the treatment of obesity. Kinga Szymczykowska cooperates with the Food Chemistry Laboratory of the National and Kapodistrian University of Athens, and Małgorzata Poniatowska has been employed in the Temicare 2.0 project at the University of Greifswald. Radosław Birger is conducting research under a cooperation agreement between PUM and the University of Utrecht, while Nina Komaniecka is involved in a five-year collaboration with the Medical University of Rostock. It is also worth noting Hanna Jasiak-Jóźwik's participation in the international Bump2Baby and Me project coordinated by University College Dublin.

Foreign internships are a significant complement to scientific activity. Doctoral students have completed internships at the University of Newcastle (Australia), BC Cancer Research in Vancouver (Canada), the Medical University of Rostock, the University of Utrecht, clinics in Vienna, Santiago de Compostela, Columbia University in New York and Cardiff University, among others. These internships, carried out as part of the Preludium Bis programme, among others, have helped to gain research experience, develop methodology and establish networks of contacts.

In summary, the extensive and well-documented grants, patents, international and internship activities of doctoral students clearly confirm the high level of research conducted and the advancement of their competences. The diversity of projects and the intensity of international cooperation testify to the growing scientific recognition of the unit and its effective support for the development of young researchers.

2. nauki o zdrowiu

Achievement Description

During the analysed period, doctoral students continued their scientific activity in the area of projects financed by the National Science Centre and programmes supporting research mobility. An example of advanced basic research is the project carried out by Joanna Kika as part of the Preludium 20 competition. The grant, which runs from 21 January 2022 to 20 January 2027 (No. 2021/41/N/NZ9/02449), covers in vitro research on "The chemical composition, antioxidant properties and molecular mechanisms of action of matcha green tea extracts". The project is in line with current research trends on bioactive plant compounds and their therapeutic potential.

In 2025, received funding from the NCN Waldemar Pluta grant, Preludium 23 (agreement in preparation) entitled: "Disorders hidden under the cloak of BMI – metabolic obesity in people with normal body weight (MONW) – the search for diagnostic markers and its consequences for health".

In 2025, Klaudia Melkis, MA, also received funding from the NCN PRELUDIUM-24 grant for her project entitled ‘Kombucha as a potential support in insulin resistance: a multi-level analysis of the biological activity of kombucha from green and black tea – from chemical characteristics and in vitro studies to interventions in people with insulin resistance.’ Amount of funding: PLN 209,710. The study will comprehensively assess the health-promoting properties of green and black tea kombucha – from chemical composition analysis and in vitro studies to clinical intervention in people with insulin resistance. The project will also compare the effectiveness of the traditional drink and an innovative encapsulated form. The results may contribute to the development of standardised products with anti-diabetic properties and new dietary recommendations.

Marcin Horecki's international activity is confirmed by his research internship at the University of Cologne (Germany), at the Institute of Virology. This is a part of the NCN project number 2021/43/O/NZ6/03054. The internship will enable the development of research skills in experimental virology and work in one of Europe's leading centres specialising in pathogen research.
International activity is also confirmed by the active participation of doctoral student Ewelina Bagińska in the ISIC 2024 international conference on sensory integration in Sydney, Australia, on the topic of sensory integration in children with selective eating habits.
Both, the Preludium projects and the mobility of doctoral students confirm the activity of doctoral students in obtaining funds for research development and their involvement in building an international base for scientific cooperation.

3. nauki farmaceutyczne

Achievement Description

In the discipline of pharmaceutical sciences, the activities of doctoral students are gradually evolving. In the first recruitment process in this discipline (2024), one person was accepted. Currently, four doctoral students are pursuing their education and are gradually becoming involved in the work of the research teams.
Despite the short period of time that, the discipline has been included in the curriculum at the PUM's SD and the first scientific achievements are already being noted. PhD student Aleksandra Stoińska is the first author of a scientific article entitled "The use of mesoporous materials as elements of electrochemical sensors", published in 2025 in the journal Przemysł Chemiczny (DOI: 10.15199/62.2025.11.19) and represents a significant contribution to the development of new analytical solutions based on mesoporous materials. Aleksandra Stoińska also actively participates in scientific conferences, including as co-author of studies presented at the 7th Silesian Pharmaceutical Scientific Meeting (2024) paper - "The use of mesoporous silica MCM-41 in the adsorption of boldine, conference From Science to the Patient" and the National Conference of Young Scientists (2025) paper: "The latest achievements in the field of biomedical applications of mesoporous silica materials".

The number of publications co-authored by doctoral students (377 items) and the high and steadily growing number of citations of these publications in subsequent years, their significant contribution to the development of the disciplines of medical sciences, health sciences and pharmaceutical sciences objectively confirms the significant scientific achievements of doctoral students and the effectiveness of education at the SD.

ATTACHMENTS

Adequacy of the education program and individual research plans to the learning outcomes for qualifications at PRK level 8 and their implementation

No.	File type	Filename
1	Education programmes during the evaluation period	Appendix_1.1_-_2019-2020_-_PK_SD.pdf
2	Education programmes during the evaluation period	Appendix_1_2_-_2020-2021_-_PK_SD.pdf
3	Education programmes during the evaluation period	Appendix___1_3_-_2021-2022_-_PK_SD.pdf
4	Education programmes during the evaluation period	Appendix_1_4_-_2022-2023_-_PK_SD.pdf
5	Education programmes during the evaluation period	Appendix_1_5_-_2023-24_-_PK_SD.pdf
6	Education programmes during the evaluation period	Appendix_1_6_-_2024-25_-PK_SD.pdf
7	Education programmes during the evaluation period	Appendix_1_7_-_2025-26_-_PK_SD.pdf
8	Education programmes during the evaluation period	Appendix_1_8_-_8PRK_summary.pdf

Method of verifying learning outcomes for qualifications at PRK level 8

No.	File type	Filename
1	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_1-71-2023-USZJK.pdf
2	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_2-73-2024-zm._71-2023-UQAS.pdf
3	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_3-136-2023_UQAS.pdf
4	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_4_-_32-2022.pdf
5	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_5_-doctoral_student_achievement_card.pdf
6	The method of assessing the learning outcomes for qualifications at level 8 of the PQF	Appendix_2_6_-annual_report_and_supervisor's_opinion.pdf

Qualifications of academic teachers or research staff conducting education at the doctoral school

No.	File type	Filename
1	nauki medyczne	Appendix_3_1_-_academic_staff_in_medical_sciences.pdf
2	nauki o zdrowiu	Appendix_3_2_-_academic_staff_in_health_sciences.pdf
3	nauki farmaceutyczne	Appendix_3_3_-_academic_staff_-_pharmaceutical_sciences.pdf

Quality of scientific or artistic supervision and support for conducting scientific activities

No.	File type	Filename
1	Internal regulations that pertain to the midterm evaluation and that are in force during the evaluation period, such as evaluation rules and criteria	Appendix_6_1-2021-43.pdf
2	Internal regulations that pertain to the midterm evaluation and that are in force during the evaluation period, such as evaluation rules and criteria	Appendix_6_2-2022-40.pdf
3	Internal regulations that pertain to the midterm evaluation and that are in force during the evaluation period, such as evaluation rules and criteria	Appendix_6_3-2023-29.pdf
4	Internal regulations that pertain to the midterm evaluation and that are in force during the evaluation period, such as evaluation rules and criteria	Appendix_6_4-Committees_MTA.pdf

STATEMENTS

- I hereby declare that the information contained in the self-assessment report is fully consistent with the factual and legal status.
- I hereby declare that the information contained in the self-assessment report in Polish and English is fully identical in substance.
- I hereby declare that the documents attached to the self-assessment report in Polish and English are fully identical in substance.

Signature

AUTHORIZATIONS

Added files

Upoważnienie-A._Lubkowska.pdf

Resolution No. 42/2019

of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws, item 1668, as amended), in connection with Article 291 of the Act of 3 July 2018 – Provisions introducing the Act – Law on Higher Education and Science (Journal of Laws, item 1669, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§1

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitutes an appendix to this resolution, is hereby established.

§2

The establishment of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult shall be deemed to have been fulfilled.

§3

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix to Resolution No. 42/2019

EDUCATION PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE

§1

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of:

1) medical sciences,
2) health sciences,

preparing for a doctoral degree and ending with the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) Teaching at the European level – professionals in the medical services market,
2) Achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) acquiring the skills to use global scientific achievements, identify and solve research problems, plan and carry out scientific research, and develop its results in the form of patents, publications or presentations at scientific conferences,
   3) helping doctoral students acquire high research competence and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public sphere, with taking into account their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the ability to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined in the Act of 22 December 2015 on the Integrated Qualifications System (i.e. Journal of Laws of 2018, item 2153) and regulations issued on the basis of Article 7(3) of this Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes refer to the following scientific disciplines: medical sciences, health sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework, which constitute Appendix 1 to this resolution.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. Passing with a grade may also be based on a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance.

6. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses implemented as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the curriculum for the entire cycle of education (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 143 hours, including 119 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships: a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in scientific and teaching activities.
2. Scientific and teaching activities include:
   1) publishing works with Impact Factor scores in peer-reviewed journals,
   2) publishing works with an MNiSW in other peer-reviewed journals,
   3) active participation as a speaker/first author at a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as a speaker/first author at a scientific conference in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as the manager of a scientific grant financed from external funds,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attendance at scientific lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completion of professional internships in the range of 31-60 hours per year.

3. The scientific activity referred to in section 1 points 1 and 2 includes works published or accepted for publication in a peer-reviewed journal.
4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching.
4. A doctoral student employed after a mid-term evaluation at the University as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to this resolution.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix to Resolution No. 42/2019

Appendix 1

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	– to an extent enabling the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline – main development trends in the scientific disciplines in which education takes place – research methodology – principles of disseminating scientific results, including through open access
Context – conditions, effects	P8S_WK	– fundamental dilemmas of modern civilisation – economic, legal, ethical and other important conditions of scientific activity – basic principles of knowledge transfer to the economic and social spheres and commercialisation of scientific research results and related know-how results
SKILLS (is able to):		
Application of knowledge – problems solved and tasks performed	P8S_UW	– use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research – critically analyse and evaluate the results of scientific research, expert activity and other creative work and their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Second-level characteristics of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and using a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages to a degree that enables participation in the international scientific and professional community
Work organisation – planning and teamwork	P8S UO	– plan and carry out individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessment – critical approach	P8S_KK	– critically evaluate achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – Recognising the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection

Appendix to Resolution No. 42/2019

Appendix No. 2

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published or accepted for publication in peer-reviewed journals	first author – 15 points co-authorship – 10 points
– publications with MNiSW scoring in other peer-reviewed journals that have been published or accepted for publication	first author – 10 points co-authorship – 7 points
– active participation (speaker/first author) in a scientific congress/conference – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (speaker/first author) in a scientific congress/conference – in Poland, e.g. (poster, oral presentation) confirmed by a certificate or congress abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus+ (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation works coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT - depending on the degree of involvement in the implementation of tasks - from 10 points to 15 points.
– attendance at scientific lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix to Resolution No. 42/2019

Appendix No. 3

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2019/2020

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Scientific and teaching unit conducting the course	Person responsible for teaching
		semester							number of hours			number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in animal experiments	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**10**	5	5			5				5			
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30-60							Unit manager/supervisor	
TOTAL:				**103/30-60**	**42**	**21**	**40**	**30-60**	**28**	**6**		**14**	**15**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 42/2019

SECOND YEAR academic year 2021/2022

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Optional classes developing teaching skills: (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Advanced teaching methods	ZAO		ZAO	6		6							6			
Medical law	ZAO	ZAO		6		6				6						
Presentation of scientific research results	ZAO		ZAO	6		6							6			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							supervisor	
Professional practice – conducting with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**86/30-60**	**10**	**36**	**30-60**	**40**	**5**	**18**		**5**	**18**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 42/2019

III YEAR

academic year 2022/2023

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		In	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX		EGZ	10	10				10							
Public health	EGZ		EGZ	10	10				10							
Advances in medical science: (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO		ZAO	6	6				6							
Nutrigenomics	ZAO	ZAO		6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – conducting teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**62/ 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 42/2019

IV YEAR

academic year 2023/2024

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER VII Number of hours			SEMESTER VIII Number of hours			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX	EGZ		12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**52/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Resolution No. 16/2020

of the Senate of the Pomeranian Medical University in Szczecin of 18 March 2020 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2020/2021 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2020, item 85, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2020/2021 academic year, which constitutes an appendix to this resolution, is hereby established.

§2

The establishment of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult shall be deemed to have been fulfilled.

§3

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix to Resolution No. 16/2020

EDUCATIONAL PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN, FOR THE EDUCATION CYCLE BEGINNING IN THE 2020/2021 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE SCHOOL DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) Teaching at the European level – professionals in the medical services market,
2) Achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) doctoral students acquiring the ability to use global scientific achievements, identify and solve research problems, plan and conduct scientific research, and develop their results in the form of patents, publications or presentations at scientific conferences,
   3) acquiring high research competences and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public sphere, with taking into account their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the skills to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined in the Act of 22 December 2015 on the Integrated Qualifications System (i.e. Journal of Laws of 2018, item 2153) and regulations issued on the basis of Article 7(3) of this Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes refer to the following scientific disciplines: medical sciences, health sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework, which constitute Appendix 1 to this resolution.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance at classes.

6. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses completed as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the curriculum for the entire cycle of education (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 143 hours, including 119 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships is a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in research and teaching activities.
2. Research and teaching activities include:
   1) publishing works with an Impact Factor score in peer-reviewed journals,
   2) publishing papers with scored MNiSW in other peer-reviewed journals,
   3) active participation as a speaker/first author at a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as a speaker/first author at a scientific conference in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as the manager of a scientific grant financed from external funds,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attending scientific lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completion of professional internships in the range of 31-60 hours per year.

3. The scientific activity referred to in section 1 points 1 and 2 includes works published or accepted for publication in a peer-reviewed journal.
4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching.
4. A doctoral student employed after a mid-term evaluation at the University as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to this resolution.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix to Resolution No. 16/2020

Appendix 1

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	– to an extent enabling the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline – main development trends in the scientific disciplines in which education takes place – research methodology – principles of disseminating scientific results, including through open access
Context – conditions, effects	P8S_WK	– fundamental dilemmas of modern civilisation – economic, legal, ethical and other important conditions of scientific activity – basic principles of knowledge transfer to the economic and social spheres and the commercialisation of scientific results and know-how related to these results
SKILLS (is able to):		
Application of knowledge – solving problems and performing tasks	P8S_UW	– use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research – critically analyse and evaluate the results of scientific research, expert activities and other creative work, as well as their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Second-level characteristics of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and use of a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages to a degree that enables participation in the international scientific and professional community
Work organisation – planning and teamwork	P8S UO	– plan and carry out individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessments – a critical approach	P8S_KK	– critical assessment of achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognising the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research communities, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection

Appendix to Resolution No. 16/2020

Appendix No. 2

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published or accepted for publication in peer-reviewed journals	first author – 15 points co-author – 10 points
– publications with MNiSW points in other peer-reviewed journals that have been published or accepted for publication	first author – 10 points co-authorship – 7 points
– active participation (speaker/first author) in a scientific congress/conference – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (speaker/first author) in a scientific congress/conference - in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– completion of pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT – depending on the degree of involvement in the implementation of tasks – from 10 points to 15 points
– attendance at scientific lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix to Resolution No. 16/2020

Appendix No. 3

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2020/2021

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in animal experiments	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**20**	10	10			10				10			
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**50**			40								supervisor	
Professional practice – teaching classes with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30-60							Unit manager/supervisor	
TOTAL:				**103/30-60**	**47**	**26**	**40**	**30-60**	**33**	**6**		**14**	**20**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practice	Exercises	**S** – seminar

Appendix to Resolution No. 16/2020

SECOND YEAR academic year 2021/2022

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting the course subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Optional classes (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Medical law	ZAO	ZAO		6		6				6						
Presentation of research results	ZAO		ZAO	6		6							6			
Fundamentals of meta-analysis	ZAO		ZAO	6		6										
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**86/30-60**	**10**	**36**	**30-60**	**40**	**5**	**18**		**5**	**18**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 16/2020

III YEAR

academic year 2022/2023

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Research and teaching unit offering the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX		EGZ	10	10				10							
Public health	EGZ		EGZ	10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO		ZAO	6	6				6							
Nutrigenomics	ZAO	ZAO		6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**62/ 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 16/2020

IV YEAR

academic year 2023/2024

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER VII Number of hours			SEMESTER VIII Number of hours			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX	EGZ		12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**52/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Resolution No. 12/2021

of the Senate of the Pomeranian Medical University in Szczecin of 24 February 20201 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2021/2022 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (i.e. Journal of Laws, item 85), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the academic cycle beginning in the 2021/2022 academic year, which constitutes an appendix to this resolution, is hereby established.

§2

The establishment of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult shall be deemed to have been fulfilled.

§3

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix to Resolution No. 12/2021

EDUCATION PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN FOR THE EDUCATION CYCLE BEGINNING IN THE 2021/2022 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) Teaching at the European level – professionals in the medical services market,
2) Achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) acquiring the skills to use global scientific achievements, identify and solve research problems, plan and carry out scientific research, and develop its results in the form of patents, publications or presentations at scientific conferences,
   3) the acquisition by doctoral students of high research competences and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public spheres, with consideration for their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the skills to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined in the Act of 22 December 2015 on the Integrated Qualifications System (i.e. Journal of Laws of 2018, item 2153) and regulations issued on the basis of Article 7(3) of this Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes refer to the following scientific disciplines: medical sciences, health sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework, which constitute Appendix 1 to this resolution.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance at classes.

6. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses completed as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the education programme implementation plan for the entire education cycle (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 163 hours, including 139 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships is a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in research and teaching activities.
2. Research and teaching activities include:
   1) publishing works with an Impact Factor score in peer-reviewed journals,
   2) publishing papers with scored MNiSW in other peer-reviewed journals,
   3) active participation as the first author in a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as the first author in a scientific conference/congress in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as the manager of a scientific grant financed from external funds,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attending scientific lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completion of professional internships in the range of 31-60 hours per year.
3. Scientific activity referred to in section 1 points 1 and 2 includes works published in peer-reviewed journals.

4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching.
4. A doctoral student employed after a mid-term evaluation at the University as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to this resolution.

Prof. Bogusław Machaliński, PhD Rector
of PUM
Chair of the Senate

Appendix to Resolution No. 12/2021

Appendix No. 1

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	– to a degree enabling the revision of existing paradigms – global achievements, including theoretical foundations and general issues, as well as selected specific issues relevant to a given scientific discipline – main development trends in the scientific disciplines in which education takes place – research methodology – rules for disseminating scientific results, including through open access
Context – conditions, effects	P8S_WK	– fundamental dilemmas of modern civilisation – economic, legal, ethical and other important conditions of scientific activity – basic principles of knowledge transfer to the economic and social spheres and commercialisation of scientific activity results and related know-how results
SKILLS (is able to):		
Application of knowledge – solving problems and performing tasks	P8S_UW	– use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on scientific research results – critically analyse and evaluate the results of scientific research, expert activities and other creative work, as well as their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Second-level characteristics of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and use of a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages to a degree that enables participation in the international scientific and professional community
Work organisation – planning and teamwork	P8S UO	– plan and carry out individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for their own development, as well as inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessment – critical approach	P8S_KK	– critically evaluate achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognition of the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection

Appendix to Resolution No. 12/2021

Appendix No. 2

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published in peer-reviewed journals	first author – 15 points co-authorship – 10 points
– publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 10 points co-author – 7 points
– active participation (first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (first author) in a scientific congress/conference – in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation works coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT - depending on the degree of involvement in the implementation of tasks - from 10 points to 15 points.
– attendance at scientific lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix to Resolution No. 12/2021

Appendix No. 3

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2021/2022

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Scientific and teaching unit conducting the course	Person responsible for teaching the course
									Number of hours			Number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in animal experiments	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**20**	10	10			10				10			
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30 60							Unit manager/supervisor	
TOTAL:				**73/40//30-60**	**47**	**26**	**40**	**30-60**	**33**	**6**		**14**	**20**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass based on grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 12/2021

SECOND YEAR academic year 2022/2023

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting the course subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Presentation of research results (classes in a foreign language)	ZAO		ZAO	10		10				5			5			
Optional classes (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Medical law	ZAO	ZAO		6		6							6			
Advanced teaching methods (classes at the Medical Simulation Centre)				6		6							6			
Fundamentals of meta-analysis	ZAO		ZAO	6		6				6						
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							Supervisor	
Professional practice – teaching with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**56/40//30-60**	**10**	**46**	**30-60**	**40**	**5**	**23**		**5**	**23**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Class format:	**L** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 12/2021

III YEAR

academic year 2023/2024

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX		EGZ	10	10				10							
Public health	EGZ		EGZ	10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO		ZAO	6	6				6							
Nutrigenomics	ZAO	ZAO		6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – conducting teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**22/40/ / 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 12/2021

IV YEAR

academic year 2024/2025

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER VII			SEMESTER VIII			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX	EGZ		12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**12/40/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – credit	
Form of classes:	**L** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

BR.000.2.2022

Resolution No. 6/2022

of the Senate of the Pomeranian Medical University in Szczecin of 23 February 2022 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2022/2023 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle starting in the 2022/2023 academic year, which constitutes an appendix to this resolution, is hereby established.

§2

The establishment of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult shall be deemed to have been fulfilled.

§3

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chair of the Senate

Appendix to Resolution No. 6/2022 of the PUM Senate of 23 February 2022.

EDUCATIONAL PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN, FOR THE EDUCATION CYCLE BEGINNING IN THE 2022/2023 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "Doctoral School", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) European-level teaching – professionals in the medical services market,
2) achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific, and research and development work,
   2) equipping doctoral students with the skills to utilise global scientific achievements, identify and solve research problems, plan and conduct scientific research, and present their findings in the form of patents, publications or presentations at scientific conferences,
   3) helping doctoral students acquire high research competence and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public sphere, with taking into account their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the skills to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined on the basis of the Act of 22 December 2015 on the Integrated Qualifications System (Journal of Laws of 2020, item 226) and the provisions issued on the basis of Article 7(3) of this Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes relate to the following scientific disciplines: medical sciences, health sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework and constitutes Appendix 1 to the Education Programme.

§9

1. The learning outcomes achieved by doctoral students after completing the cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance.

6. The doctoral student's completion of the Education Programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses completed as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the curriculum for the entire cycle of education (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 169 hours, including 145 hours of compulsory classes and 24 hours of optional classes;
2) for a doctoral seminar with the participation of a supervisor is: 160 hours;
3) for professional internships is a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in scientific and teaching activities.
2. Scientific and teaching activities include:
   1) publishing works with an Impact Factor score in peer-reviewed journals,
   2) publishing papers withscores MNiSW in other peer-reviewed journals,
   3) active participation as the first author in a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as the first author in a scientific conference/congress in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as manager of an externally funded research grant,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attending scientific lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completing professional internships in the range of 31-60 hours per year.
3. Scientific activity referred to in section 1 points 1 and 2 includes works published in a peer-reviewed journal.

4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2 to the Education Programme. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching activities.
4. A doctoral student employed after a mid-term evaluation at the University as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

§14

The implementation plan for the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to the Education Programme.

Prof. Bogusław Machaliński, PhD Rector of PUM Chairman of the Senate

Appendix to Resolution No. 6/2022 of the PUM Senate of 23 February 2022.

Appendix 1 to the Education Programme

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	− to a degree enabling the revision of existing paradigms – global achievements, including theoretical foundations and general issues and selected specific issues – relevant to a given scientific discipline − main development trends in the scientific disciplines in which education takes place − scientific research methodology − principles of disseminating the results of scientific activity, including through open access
Context – conditions, effects	P8S_WK	− fundamental dilemmas of modern civilisation − economic, legal, ethical and other relevant conditions for scientific activity − basic principles of knowledge transfer to the economic and social spheres and commercialisation of scientific research results and know-how related to these results
SKILLS (is able to):		
Application of knowledge – solving problems and performing tasks	P8S_UW	− use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research − critically analyse and evaluate the results of scientific research, expert activities and other creative work and their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Second-level characteristics of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and use of a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages Language at degree sufficient to participate in an international scientific and professional environment
Work organisation – planning and teamwork	P8S UO	– plan and implement individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessments – a critical approach	P8S_KK	– critical assessment of achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognition of the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of the results of scientific activity, taking into account the principles of intellectual property protection

Appendix 2 to the Education Programme

TYPES OF RESEARCH AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published in peer-reviewed journals	first author – 15 points co-author – 10 points
– publications with MNiSW points in other peer-reviewed journals that have been published	first author – 10 points co-authorship – 7 points
– active participation (first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (first author) in a scientific conference/congress in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation works coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT – depending on the degree of involvement in the implementation of tasks – from 10 points to 15 points.
– attendance at academic lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix 3 to the Education Programme

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2022/2023

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Scientific and teaching unit conducting the course	Person responsible for teaching the course
									Number of hours			Number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in experiments on animals	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**20**	10	10			10				10			
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences health	**ZAO**		**ZAO**	**5**	5							5				
Advanced teaching methods (classes at the Medical Simulation Centre)	**ZAO**	**ZAO**		6		6				6						
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching classes with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30-60							Unit manager/supervisor	
TOTAL:				**79/40//30-60**	**47**	**32**	**40**	**30-60**	**33**	**12**		**14**	**20**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Class format:	**L** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Appendix to Resolution No. 6/2022 of the PUM Senate of 23 February 2022.

SECOND YEAR academic year 2023/2024

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Presentation of research results (classes in a foreign language)	ZAO		ZAO	10		10				5			5			
Optional classes (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Medical law	ZAO		ZAO	6		6							6			
Fundamentals of clinical trials	ZAO		ZAO	6		6							6			
Fundamentals of meta-analysis	ZAO	ZAO		6		6				6						
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**56/40//30-60**	**10**	**46**	**30-60**	**40**	**5**	**23**		**5**	**23**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

III YEAR

academic year 2024/2025

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX	EGZ		10	10				10							
Public health	EGZ	EGZ		10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO	ZAO		6	6				6							
Nutrigenomics	ZAO		ZAO	6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**22/40/ / 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

IV YEAR

academic year 2025/2026

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER VII			SEMESTER VIII			Scientific and teaching unit conducting the course	Person responsible for teaching
		semester							number of hours			number of hours				
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX		EGZ	12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**12/40/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

BR.000.3.2023

Resolution No. 5/2023

of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2023/2024 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1.

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2023/2024 academic year, which constitutes an appendix to this resolution, is hereby established.

§2.

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chair of the Senate

Appendix to Resolution No. 5/2023 of the PUM Senate of 1 March 2023.

EDUCATION PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN FOR THE EDUCATION CYCLE BEGINNING IN THE 2023/2024 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "Doctoral School", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,
3) pharmaceutical sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) European-level teaching – professionals in the medical services market,
2) achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) acquiring the skills to use global scientific achievements, identify and solve research problems, plan and carry out scientific research, and develop its results in the form of patents, publications or presentations at scientific conferences,
   3) the acquisition by doctoral students of high research competences and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public spheres, with consideration for their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the skills to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined on the basis of the Act of 22 December 2015 on the Integrated Qualifications System (Journal of Laws of 2020, item 226) and the provisions issued on the basis of Article 7(3) of that Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes relate to the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework and constitutes Appendix 1 to the Education Programme.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance at classes.

6. The doctoral student's completion of the Education Programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses completed as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the curriculum for the entire cycle of education (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 169 hours, including 145 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships is a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in research and teaching activities.
2. Research and teaching activities include:
   1) publishing papers with an Impact Factor in peer-reviewed journals,
   2) publishing papers withscores MNiSW in other peer-reviewed journals,
   3) active participation as the first author in a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as the first author in a scientific conference/congress in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as the manager of a scientific grant financed from external funds,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attendance at academic lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completion of professional internships in the range of 31-60 hours per year.
3. Scientific activity referred to in section 1 points 1 and 2 includes works published in peer-reviewed journals.

4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2 to the Education Programme. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching activities.
4. A doctoral student employed after a mid-term evaluation at the University as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to the Education Programme.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chairman of the Senate

Appendix 1 to the Education Programme

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	− to a degree enabling the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline − main development trends in the scientific disciplines in which education takes place − scientific research methodology − principles of disseminating the results of scientific activity, including through open access
Context – conditions, effects	P8S_WK	− fundamental dilemmas of modern civilisation − economic, legal, ethical and other important conditions of scientific activity − basic principles of knowledge transfer to the economic and social spheres and commercialisation of scientific results and know-how related to these results
SKILLS (is able to):		
Application of knowledge – solving problems and performing tasks	P8S_UW	− use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research − critically analyse and evaluate the results of scientific research, expert activity and other creative work and their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and use of a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages Language at degree sufficient to participation in an international academic and professional environment
Work organisation – planning and teamwork	P8S UO	– plan and implement individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessment – critical approach	P8S_KK	– critically evaluate achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognising the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific research results, taking into account the principles of intellectual property protection

Appendix 2 to the Education Programme

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published in peer-reviewed journals	first author – 15 points co-author – 10 points
– publications with MNiSW points in other peer-reviewed journals that have been published	first author – 10 points co-authorship – 7 points
– active participation (first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (first author) in a scientific conference/congress in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation works coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT - depending on the degree of involvement in the implementation of tasks - from 10 points to 15 points.
– attendance at academic lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix 3 to the Education Programme

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2023/2024

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Research and teaching unit conducting the course	Person responsible for teaching the course
									Number of hours			Number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in experiments on animals	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**20**	10	10			10	10						
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences health	**ZAO**		**ZAO**	**5**	5							5				
Advanced teaching methods (classes at the Medical Simulation Centre)	**ZAO**	**ZAO**		6		6							6			
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching classes with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30-60							Unit manager/supervisor	
TOTAL:				**79/40//30-60**	**47**	**32**	**40**	**30-60**	**33**	**16**		**14**	**16**			

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practice	Exercises	**S** – seminar

SECOND YEAR academic year 2024/2025

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting the course subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Presentation of research results (classes in a foreign language)	ZAO		ZAO	10		10				5			5			
Optional classes (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Medical law	ZAO		ZAO	6		6							6			
Fundamentals of clinical trials	ZAO		ZAO	6		6							6			
Fundamentals of meta-analysis	ZAO	ZAO		6		6				6						
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**56/40//30-60**	**10**	**46**	**30-60**	**40**	**5**	**23**		**5**	**23**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

III YEAR

academic year 2025/2026

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Research and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX	EGZ		10	10				10							
Public health	EGZ	EGZ		10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO	ZAO		6	6				6							
Nutrigenomics	ZAO		ZAO	6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**22/40/ / 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

IV YEAR

academic year 2026/2027

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER VII			SEMESTER VIII			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		semester							number of hours			number of hours				
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX		EGZ	12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**12/40/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

BR.000.2.2024

Resolution No. 11/2024

of the Senate of the Pomeranian Medical University in Szczecin of 28 February 2024 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2024/2025 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1.

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2024/2025 academic year, which constitutes an appendix to this resolution, is hereby established.

§2.

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chair of the Senate

Appendix to Resolution No. .../2024 of the PUM Senate of 28 February 2024.

EDUCATION PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN FOR THE EDUCATION CYCLE BEGINNING IN THE 2024/2025 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "Doctoral School", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,
3) pharmaceutical sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) European-level teaching – professionals in the medical services market,
2) achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) acquiring the skills to use global scientific achievements, identify and solve research problems, plan and carry out scientific research, and develop its results in the form of patents, publications or presentations at scientific conferences,
   3) the acquisition by doctoral students of high research competences and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public spheres, with consideration for their ethical dimension and responsibility, in accordance with the European Charter for Researchers,

5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
6) acquiring the skills to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined on the basis of the Act of 22 December 2015 on the Integrated Qualifications System (Journal of Laws of 2020, item 226, as amended) and the provisions issued on the basis of Article 7(3) of this Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes relate to the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework and constitutes Appendix 1 to the Education Programme.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
5. A module (subject) may also be passed on the basis of attendance at classes.

6. The doctoral student's completion of the Education Programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/courses completed as part of compulsory and optional classes, together with the number of class hours;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) the placement of compulsory and optional classes and professional internships in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the curriculum for the entire cycle of education (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 169 hours, including 145 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships is a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in research and teaching activities.
2. Research and teaching activities include:
   1) publishing papers with an Impact Factor in peer-reviewed journals,
   2) publishing papers with scores MNiSW in other peer-reviewed journals,
   3) active participation as the first author in a foreign scientific congress/conference, e.g. poster, oral presentation,
   4) active participation as the first author in a scientific conference/congress in Poland, e.g. poster, oral presentation,
   5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
   6) submission of a formally correct application for a scientific grant financed from external funds,
   7) implementation as the manager of a scientific grant financed from external funds,
   8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
   9) attending scientific lectures,
   10) participation in the organisation of scientific conferences,
   11) activities aimed at popularising science,
   12) completion of professional internships in the range of 31-60 hours per year.
3. Scientific activity referred to in section 1 points 1 and 2 includes works published in a peer-reviewed journal.

4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2 to the Education Programme. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching activities.
4. Doctoral students employed as academic teachers in a research and teaching or teaching group are exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to the Education Programme.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chairman of the Senate

Appendix No. 1 to the Education Programme

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of the second level of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	− to a degree enabling the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline − main development trends in the scientific disciplines in which education takes place − scientific research methodology − principles of disseminating the results of scientific activity, including through open access
Context – conditions, effects	P8S_WK	− fundamental dilemmas of modern civilisation − economic, legal, ethical and other important conditions of scientific activity − basic principles of knowledge transfer to the economic and social spheres and commercialisation of scientific results and know-how related to these results
SKILLS (is able to):		
Application of knowledge – problems solved and tasks performed	P8S_UW	− use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research − critically analyse and evaluate the results of scientific research, expert activity and other creative work and their contribution to the development of knowledge

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		– transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and use of a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of scientific activity, including in popular forms – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages Language at degree sufficient to participation in an international academic and professional environment
Work organisation – planning and teamwork	P8S UO	– plan and implement individual and team research projects, including in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessment – critical approach	P8S_KK	– critically evaluate achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognising the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the public interest	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific research results, taking into account the principles of intellectual property protection

Appendix 2 to the Education Programme

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published in peer-reviewed journals	first author – 15 points co-author – 10 points
– publications with MNiSW points in other peer-reviewed journals that have been published	first author – 10 points co-authorship – 7 points
– active participation (first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (first author) in a scientific conference/congress in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation works coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by a document)	scoring according to CTT - depending on the degree of involvement in the implementation of tasks - from 10 points to 15 points.
– attendance at academic lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix 3 to the Education Programme

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR

academic year 2024/2025

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT	Semester		Total hours	Total hours in the academic year				SEMESTER I			SEMESTER II			Research and teaching unit conducting the course	Person responsible for teaching the course
									Number of hours			Number of hours				
		I	II		W	Exercise	S	P	W	Exercise	P	W	Exercise	P		
Scientific information	**EGZ**		**EGZ**	**6**		6							6			
Research methodology	**EGZ**	**EGZ**		**10**	10				10							
Legal and ethical regulations concerning scientific research involving human subjects	**ZAO**	**ZAO**		**4**	4				4							
Standards of conduct in experiments on animals	**ZAO**		**ZAO**	**4**	4							4				
Higher education teaching	**ZAO**		**ZAO**	**20**	10	10			10	10						
Project preparation and fundraising for scientific research	**ZAO**		**ZAO**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences	**ZAO**		**ZAO**	**5**	5							5				
Quantitative research in medicine and health sciences health	**ZAO**		**ZAO**	**5**	5							5				
Advanced teaching methods (classes at the Medical Simulation Centre)	**ZAO**	**ZAO**		6		6							6			
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity	**ZAL**															
Doctoral seminar	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching classes with students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30-60							Unit manager/supervisor	
TOTAL:				**79/40//30-60**	**47**	**32**	**40**	**30-60**	**33**	**16**		**14**	**16**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practice	Exercises	**S** – seminar

SECOND YEAR academic year 2025/2026

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting the course subject	Person responsible for teaching teaching
		Semester							number of hours			number of hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Presentation of research results (classes in a foreign language)	ZAO		ZAO	10		10				5			5			
Optional classes (choose 2 subjects)	ZAO			12		12				6			6			
Interpersonal skills	ZAO	ZAO		6		6				6						
Medical law	ZAO		ZAO	6		6							6			
Fundamentals of clinical trials	ZAO		ZAO	6		6							6			
Fundamentals of meta-analysis	ZAO	ZAO		6		6				6						
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL		40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**56/40//30-60**	**10**	**46**	**30-60**	**40**	**5**	**23**		**5**	**23**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

III YEAR

academic year 2026/2027

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Research and teaching unit conducting the course	Person responsible for teaching the course
		Semester							Number of hours			Number of hours				
		V	VI		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EX		EX	10	10				10							
History of medicine	EX	EGZ		10	10				10							
Public health	EGZ	EGZ		10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management	ZAO	ZAO		6	6				6							
Contemporary molecular research techniques	ZAO	ZAO		6	6				6							
Nutrigenomics	ZAO		ZAO	6	6							6				
Fundamentals of cell therapy	ZAO		ZAO	6	6							6				
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**22/40/ / 30-60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

IV YEAR

academic year 2027/2028

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER VII			SEMESTER VIII			Scientific and teaching unit conducting the course	Person responsible for teaching the course
		Semester							number of hours			number of hours				
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX		EGZ	12	2	10			2	5			5			
Scientific and teaching activity	ZAL															
Doctoral seminar	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**12/40/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** – examination	**ZAO** – pass with a grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

DOP.001.2.2025

Resolution No. 8/2025

of the Senate of the Pomeranian Medical University in Szczecin of 19 February 2025 on the adoption of the Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2025/2026 academic year

Pursuant to Article 201(4) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2024, item 1571, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§1.

The Education Programme of the Doctoral School of the Pomeranian Medical University in Szczecin for the education cycle beginning in the 2025/2026 academic year, which constitutes an appendix to this resolution, is hereby established.

§2. This resolution shall enter into force on the date of its adoption.

Prof. Leszek Domański, PhD Rector of PUM
Chair of the Senate

EDUCATION PROGRAMME OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN FOR THE EDUCATION CYCLE BEGINNING IN THE 2025/2026 ACADEMIC YEAR

I. GENERAL CHARACTERISTICS OF EDUCATION AT THE DOCTORAL SCHOOL

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "Doctoral School", is an organised form of education for doctoral students in the discipline of

1) medical sciences,
2) health sciences,
3) pharmaceutical sciences,

preparing them to obtain a doctoral degree and ending with the submission of a doctoral dissertation.

§2

1. Education at the Doctoral School lasts 8 semesters and ends with the submission of a doctoral dissertation.
2. Education at the Doctoral School is conducted on the basis of the Education Programme and the Individual Research Plan.

§3

The education programme at the Doctoral School is consistent with the mission of the Pomeranian Medical University in Szczecin, i.e. to conduct teaching, scientific research, academic staff development and healthcare activities based on the highest standards, and has been developed based on its main strategic objectives:

1) European-level teaching – professionals in the medical services market,
2) achieving and maintaining a high scientific position for PUM in Poland and worldwide.

§4

1. The main objective of education at the Doctoral School is to prepare and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on its basis.
2. The educational objectives of the Doctoral School also include:
   1) preparing doctoral students to perform teaching, scientific and research and development work,
   2) acquiring the skills to use global scientific achievements, identify and solve research problems, plan and carry out scientific research, and develop its results in the form of patents, publications or presentations at scientific conferences,
   3) helping doctoral students acquire high research competence and scientific independence,
   4) preparing doctoral students to independently plan their own scientific development and take on challenges in the professional and public sphere, taking into account their ethical dimension and responsibility, in accordance with the European Charter for Researchers,
   5) preparing doctoral students to participate in the exchange of scientific experiences and ideas, including in an international environment,
   6) acquiring the ability to obtain funding for scientific research.

§5

The Doctoral School supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. EDUCATION PROGRAMME

§6

Completion of the Doctoral School Education Programme at the Pomeranian Medical University in Szczecin leads to the achievement of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework, as defined on the basis of

the Act of 22 December 2015 on the Integrated Qualifications System (i.e. Journal of Laws of 2024, item 1606) and the provisions issued on the basis of Article 7(3) of that Act.

§7

The Education Programme includes:

1) a description of the expected learning outcomes;
2) a plan for the implementation of the education programme.

Description of the intended learning outcomes

§8

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018
   on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).
2. The learning outcomes relate to the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences.
3. The description of the expected learning outcomes takes into account the second-cycle characteristics for qualifications at level 8 of the Polish Qualifications Framework and constitutes Appendix 1 to the Education Programme.

§9

1. The learning outcomes achieved by doctoral students after completing a cycle of classes in each module/subject provided for in the Education Programme are verified during examinations, credits or graded credits. The form of verification of learning outcomes is specified in the education programme implementation plan.
2. The academic teacher conducting the classes informs doctoral students about the method of conducting the examination or assessment before the start of the course.
3. Examinations and assessments may take the form of written or oral tests of knowledge and skills.
4. Passing with a grade may also be based on a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.

5. A module (subject) may also be passed on the basis of attendance.
6. The doctoral student's completion of the Education Programme is also verified during a doctoral seminar. The doctoral student is assessed by their supervisor, who includes the result in the annual report on the progress of their scientific work.

Education programme implementation plan

§10

The education programme implementation plan specifies:

1) modules/subjects implemented within the classes compulsory and optional classes, together with the number of hours of classes;
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice;
4) location of compulsory and optional and work placements in individual semesters of education;
5) forms of conducting and completing classes and professional internships.

§11

The total number of hours provided for in the education programme implementation plan for the entire education cycle (years I-IV, semesters 1-8):

1) for classes with the participation of an academic teacher is: 169 hours, including 145 hours of compulsory classes and 24 hours of optional classes;
2) for doctoral seminars with the participation of a supervisor: 160 hours;
3) for professional internships: a minimum of 120 hours and a maximum of 240 hours.

§12

1. Doctoral students are required to engage in scientific and teaching activities.
2. Scientific and teaching activities include:
   1) publishing papers with an Impact Factor score in peer-reviewed journals,

2) publishing works with a Ministry of Science and Higher Education score in other peer-reviewed journals,
3) active participation as the first author in a foreign scientific congress/conference, e.g. poster, oral presentation,
4) active participation as the first author in a scientific conference in Poland, e.g. poster, oral presentation,
5) completion of at least a one-month internship or work placement abroad, e.g. as part of the National Agency for Academic Exchange (NAWA) or Erasmus +,
6) submission of a formally correct application for a scientific grant financed from external funds,
7) implementation as the manager of a scientific grant financed from external funds,
8) carrying out pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies,
9) attendance at scientific lectures,
10) participation in the organisation of a scientific conference,
11) activities aimed at promoting science,
12) completion of professional internships in the range of 31-60 hours per year.

3. Scientific activity referred to in section 1 points 1 and 2 includes works published in peer-reviewed journals.
4. Depending on the type of scientific activity, doctoral students receive points as specified in Appendix 2 to the Education Programme. The minimum number of points required to pass scientific and teaching activities is 15 points.

§13

1. Doctoral students are required to complete professional internships.
2. The annual duration of professional internships is a minimum of 30 hours and a maximum of 60 hours per year.
3. In the first year of study, professional practice may take the form of participation in teaching activities.
4. Doctoral students employed as academic teachers in a research and teaching or teaching group are exempt from the obligation to complete professional internships.

§14

The plan for the implementation of the education programme, including modules, forms of module assessment and the number of hours in each semester, is attached as Appendix 3 to the Education Programme.

Prof. Leszek Domański, PhD Rector of PUM
Chairman of the Senate

Appendix 1 to the Education Programme

DESCRIPTION OF EXPECTED LEARNING OUTCOMES

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
KNOWLEDGE (knows and understands):		
Scope and depth – completeness of cognitive perspective and relationships	P8S_WG	– to an extent that allows for the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline – main development trends in the scientific disciplines in which education takes place – research methodology – principles of disseminating the results of scientific activity, including through open access

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of second-level learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
Context – conditions, effects	P8S_WK	– fundamental dilemmas of modern civilisation – economic, legal, ethical and other relevant conditions for scientific activity – basic principles of knowledge transfer to the economic and social spheres and commercialisation results scientific and andknow-how related to these results
SKILLS (is able to):		
Application of knowledge – solving problems and performing tasks	P8S_UW	– use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the purpose and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and use them creatively

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of the second degree of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
		apply, ▪ draw conclusions based on scientific research results – critically analyse and evaluate the results of scientific research, expert activity and other creative work and their contribution to the development of knowledge – transfer the results of scientific activity to the economic and social spheres
Communication – receiving and creating statements, disseminating knowledge in the scientific community and using a foreign language	P8S UK	– communicate on specialist topics to a degree that enables active participation in the international scientific community – disseminate the results of , including in popular – initiate debate – participate in scientific discourse – use a foreign language at level B2 of the Common European Framework of Reference for Languages of Language Education at a level sufficient to participate in an international scientific and professional environment

Descriptive category – aspects of fundamental importance	Description component code	Characteristics of the second level of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
Work organisation – planning and teamwork	P8S UO	– plan and implement individual and team research projects, also in an international environment
Learning – planning one's own development and the development of others	P8S_UU	– independently plan and act for one's own development and inspire and organise the development of others – plan classes or groups of classes and implement them using modern methods and tools
SOCIAL COMPETENCES (is ready to):		
Assessment – critical approach	P8S_KK	– critically evaluate achievements within a given scientific discipline – critical assessment of one's own contribution to the development of a given scientific discipline 6 – recognising the importance of knowledge in solving cognitive and practical problems
Responsibility – fulfilling social obligations and acting in the interest of	P8S_KO	– fulfilling the social responsibilities of researchers and creators – initiating activities in the public interest – thinking and acting in an entrepreneurial manner

Descriptive category – aspects of fundamental importance	Description component code	Second-level characteristics of learning outcomes for qualifications at level 8 of the Polish Qualifications Framework
Public		
Professional role – independence and development of ethos	P8S_KR	– maintaining and developing the ethos of research environments, including: ▪ conducting scientific activity in an independent manner, ▪ respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection

Appendix 2 to the Education Programme

TYPES OF SCIENTIFIC AND TEACHING ACTIVITIES

	Points
– publications with IF that have been published in peer-reviewed journals	first author – 15 points co-authorship – 10 points
– publications with MNiSW scores in other peer-reviewed journals that were published	first author – 10 points co-author – 7 points
– active participation (first author) in a scientific congress/conference – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	7 points for each
– active participation (first author) in a scientific congress/conference - in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	5 points for each
– internships and work placements abroad (minimum 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + (confirmed by a document)	15 points
– submission of a formally correct application for a research grant - external funding (confirmed by review)	15 points
– implementation of a research grant – management – external funding (confirmed by contract)	30 points*
– implementation of pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies (confirmed by document)	scoring according to CTT – depending on the degree of involvement in the implementation of tasks - from 10 points to

	15 points
– attendance at academic lectures (confirmed by a certificate)	2 points
– participation in the organisation of a scientific conference (confirmed by a certificate)	5 points
– activities promoting science (confirmed by a document)	2 points
– completion of professional internships in the range of 31-60 hours per year (confirmed by the supervisor and the head of the unit where the internship is carried out)	3 points

*) 15 points per year, calculated from the academic year in which the grant was awarded

Appendix 3 to the Education Programme

EDUCATION PROGRAMME IMPLEMENTATION PLAN

FIRST YEAR **academic year 2025/2026**

NAME OF MODULE (SUBJECT)	FORM ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER R I			SEMESTER R II			Research and teaching unit conducting subject	Person responsible for teaching h
		Semester							number hours			number hours				
		I	II		W	Exercise.	S	P	W	Exercise.	P	W	Exercise	P		
Information Scientific	EGZ		EGZ	6		6							6			
Methodology of scientific research	EGZ	EGZ		10	10				10							
Legal and ethical regulations concerning scientific research involving humans	FOR	FOR AGAINST		4	4				4							
Standards	ZA		FOR	4	4							4				

conduct in experiments on animals	**O**		**O**													
Teaching at at	**ZAO**		**ZAO**	**20**	10	10			10	10						
Project preparation and fundraising for scientific research	**FOR**		**FOR**	**15**	5	10			5	6			4			
Qualitative research in medicine and health sciences health	**FOR**		**FOR**	**5**	5							5				
Quantitative research in medicine and health sciences health	**FOR**		**FOR**	**5**	5							5				
Advanced methods	**FORO**	**FORO**		6		6							6			

education (classes at the Medical Simulation Centre)																
Health and safety training	**ZAL**	**ZAL**		**4**	4				4							
Scientific and teaching activity teaching	**ZAL**															
Seminar doctoral	**ZAL**	**ZAL**	**ZAL**	**40**			40								supervisor	
Professional practice – teaching classes to students	**ZAL**	**ZAL**	**ZAL**	**30-60**				30 60							Unit manager/supervisor	
TOTAL:				**79/40//30-60**	**47**	**32**	**40**	**30-60**	**33**	**16**		**14**	**16**			

Form Pass	**EGZ** - examination	**ZAO** – credit	**ZAL** – credit

on:	n	assessment		
Form of classes:	**W** – lecture	**P** – practical	**Exercise** – exercises	**S** – seminar

SECOND YEAR **academic year 2026/2027**

NAME OF MODULE (SUBJECT)	FORM OF ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER III			SEMESTER IV			Research and teaching unit conducting the course subject	Person responsible for teaching teaching
		Semester							Number hours			number hours				
		III	IV		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Biostatistics	EX		EX	34	10	24			5	12		5	12			
Presentation of research results (classes in a foreign language))	ZAO		ZAO	10		10				5			5			
Classes	ZAO			12		12				6			6			

optional (choose 2 subjects)															
Interpersonal interpersonal	ZAO	ZAO		6		6				6						
Medical law	ZAO		ZAO	6		6							6			
Fundamentals of clinical research of clinical	ZAO		ZAO	6		6							6			
Fundamentals of meta-analysis	ZAO	ZAO		6		6				6						
Scientific and teaching activity teaching	ZAL															
Seminar Doctoral	ZAL	ZAL		40				40							supervisor	
Professional practice – teaching classes to students	ZAL	ZAL		30-60			30 - 60								Unit manager/supervisor	
TOTAL:				**56/40//30-60**	**10**	**46**	**30-60**	**40**	**5**	**23**		**5**	**23**			

Form of assessment:	**EGZ** - exam	**ZAO** – pass based on grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

III YEAR **academic year 2027/2028**

NAME OF MODULE (SUBJECT)	FORM ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER V			SEMESTER VI			Research and teaching unit conducting the course	Person responsible for teaching the course
		Semester							number hours			number hours				
		V	VI		W	Exercise.	P	S	W	Ex.	P	W	Exercise	P		
Examination (choose 1 subject per discipline)	EGZ		EGZ	10	10				10							
History of medicine	EGZ	EGZ		10	10				10							
Public health	EGZ	EGZ		10	10				10							
Optional classes (choose 2 subjects)	ZAO			12	12				6			6				
Healthcare management Health	ZAO	ZAO		6	6				6							

Contemporary techniques of molecular research	ZAO	ZAO		6	6				6							
Nutrigenomics	ZAO		ZAO	6	6							6				
Basics of mobile therapy cell	ZAO		ZAO	6	6							6				
Scientific and teaching activity teaching	ZAL															
Doctoral seminar	ZAL			40				40							Supervisor	
Professional practice – teaching classes with students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**22/40// 30 60**	**22**		**30 - 60**	**40**	**16**			**6**				

Form of assessment:	**EGZ** - exam	**ZAO** – pass based on grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** –	**S** –

			exercises	seminar

IV YEAR

academic year 2028/2029

NAME OF MODULE (SUBJECT)	FORM ASSESSMENT			Total hours	Total hours in the academic year				SEMESTER VII			SEMESTER VIII			Research and teaching unit conducting subject	Person responsible for teaching teaching
		Semester							Number hours			number hours				
		VII	VIII		W	Exercise	P	S	W	Exercise	P	W	Exercise	P		
Self-presentation	EX		EGZ	12	2	10			2	5			5			
Scientific and teaching activity teaching	ZAL															
Seminar Doctoral	ZAL	ZAL	ZAL	40				40							supervisor	
Professional practice – teaching classes to students	ZAL	ZAL	ZAL	30-60			30-60								Unit manager/supervisor	
TOTAL:				**12/40/30-60**	**2**	**10**	**30-60**	**40**	**2**	**5**			**5**			

Form of assessment:	**EGZ** - exam	**ZAO** – pass based on grade	**ZAL** – pass	
Form of classes:	**W** – lecture	**P** – practical	**Ćw.** – exercises	**S** – seminar

Summary of the implementation of the effects of the 8th PRK in the education programme of the PUM Doctoral School in Szczecin

SELF-PRESENTATION

LEARNING OUTCOMES			
No.	**Doctoral student who has completed the COURSE knows/can/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Knows the main development trends in the scientific disciplines in which education takes place	P8S_WG	EU / PS / PM
W02	Understands the fundamental dilemmas of contemporary civilisation	P8S_WK	EU / PS / PM
U01	Is able to transfer the results of scientific activity to the economic and social spheres	P8S_UW	O / EU / PS / PM
U02	Is able to communicate on specialist topics to a degree that enables active participation in the international scientific community	P8S_UK	O / EU / PS / PM
U03	Is able to disseminate the results of scientific activity, including in popular forms	P8S_UK	O / EU / PS / PM
U04	Is able to independently plan and act for their own development and inspire and organise the development of others	P8S_UU	O / EU / PS / PM
K01	Is prepared to critically evaluate achievements and assess their own contribution within a given scientific discipline, and recognises the importance of knowledge in solving cognitive and practical problems	P8S_KK	O
TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:		
TK…..01	Introduction to public speaking. Types and forms of verbal and non-verbal communication.	1	W01-W02
TK…..01	Planning and structuring speeches. Choosing the right tools.	1	
	Exercises:		
TK…..01	Communication. Basic communication errors.	2	U01-U04 K01
TK…..02	Verbal and non-verbal communication.	2	
TK…..03	Basic self-presentation techniques.	2	
TK…..04	Personality types, or who our clients/students are.	2	
TK…..05	Preventing difficult situations during public appearances and in contact with clients/students.	2	

QUALITATIVE RESEARCH IN MEDICINE AND HEALTH SCIENCES

LEARNING OUTCOMES			
No	**A doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Knows and understands to a degree that enables revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues – relevant to a given scientific discipline.	P8S_WG	ET
W02	Knows the basics of scientific research methodology and the principles of disseminating scientific results, including through open access.	P8S_WG	ET

W03	Knows and understands the fundamental dilemmas of contemporary civilisation and the economic, legal, ethical and other relevant conditions of scientific activity	P8S_WK	ET
K01	critically evaluates achievements within a given scientific discipline and is ready to critically evaluate their own contribution to the development of a given scientific discipline and recognise the importance of knowledge in solving cognitive and practical problems	P8S_KK	O

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:		
TK…..01	Characteristics of qualitative research.	2	W01-W03 K01
TK…..02	Research strategies and the role of the researcher as a tool	1	
TK…..03	Procedures for collecting, documenting, analysing and interpreting data	1	
TK…..04	Reliability, accuracy and generalisation	1	

QUANTITATIVE RESEARCH IN MEDICINE AND HEALTH SCIENCES

LEARNING OUTCOMES			
No.	**Doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Describes, to an extent that allows for the revision of existing paradigms, the global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline.	P8S_WG	ZK
W03	Explains the economic, legal, ethical and other relevant conditions of scientific activity.	P8S_WK	ZK
W04	Knows and understands the methodology of in vivo and in vitro research used in medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WK	ZK
W08	Is familiar with the dilemmas arising in contemporary medical sciences, pharmaceutical sciences or health sciences	P8S_WK	ZK
U01	Is able to use knowledge in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences to identify problems and formulate research objectives and hypotheses, and to solve complex scientific problems in an innovative way	P8S_UW	ZK
U02	Is able to propose modern research techniques to solve a specific scientific problem in the field of medical sciences, pharmaceutical sciences or health sciences	P8S_UW	ZK
U04	Is able to develop research methods, techniques and tools and apply them creatively to solve problems in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_UW	ZK
K01	Is prepared to critically evaluate achievements in medical sciences, pharmaceutical sciences or health sciences and related sciences, including their own contribution to their development and recognition of the importance of knowledge in developing cognitive and practical problems	P8S_KK	O
K03	Is aware of their responsibility to uphold and develop the ethos of research communities, including: conducting scientific activity independently, respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection	P8S_KK	O

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**

	Lectures:		
TK.01	Comparison of qualitative and quantitative methods in medicine and health sciences	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK
TK.02	The specificity of quantitative research in light of planned studies	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK
TK.03	Selected methods of quantitative data analysis	1	P8S_WG, P8S_WK, P8S_UW, P8S_KK

HIGHER EDUCATION DIDACTICS

LEARNING OUTCOMES			
No	**Doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Analyses educational taxonomies	P8S_UU	O
W02	Characterises modern teaching methods	P8S_UU	O
W03	Explains the purpose of using a variety of assessment methods	P8S_UU	O
W04	Analyses situations related to the selection of optimal and application of selected teaching and learning methods in specific teaching situations	P8S_UU	O
U01	Differentiates the principles of selecting teaching methods and techniques, tools and teaching aids	P8S_UU	O, PS
U02	Applies appropriate methods to transfer knowledge and develop skills in different groups of recipients	P8S_UU	O, PS
U03	Plans and selects objectives, methods and forms of education in a selected area of knowledge using modern teaching methods	P8S_UU	O, PS
U04	Uses a variety of methods to verify learning outcomes	P8S_UU	O, PS
K01	Demonstrates the appropriate attitude of an academic teacher	P8S_KR	O, PS

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:		
TK01	Teaching as a science – basic tasks	1	W01, K01
TK02	Educational objectives – taxonomies of educational objectives	2	W01, K01
TK03	Principles of creating study programmes at higher education institutions	2	W04, K01
TK04	Teaching methods used in higher education institutions	2	W02, W04, K01
TK05	Principles and forms of education used in higher education	1	W04, K01
TK06	Selected methods of verifying learning outcomes	2	W03, K01
	Exercises:		
TK01	Application of selected taxonomies for educational purposes.	1	U03, K01
TK02	Application of principles necessary for the construction of a study programme	2	U01, U03, K01
TK03	Selection of teaching methods necessary to achieve learning outcomes	2	U01, U03, K01
TK04	Preparation of the selected test form	2	U04, K01
TK05	Preparation of checklists necessary for the OSCE examination.	1	U04, K01
TK06	Preparation of a lesson plan ( )	2	U01, U02, U03, U04, K01

HISTORY OF MEDICINE

LEARNING OUTCOMES			
No	**A doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	− to an extent enabling the revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline − main development trends in scientific disciplines in which education takes place	P8S_WG	O, EU
U01	use knowledge from various fields of science or art to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: • define the purpose and subject of scientific research, formulate a research hypothesis • develop research methods, techniques and tools and apply them creatively • draw conclusions based on the results of scientific research critically analyse and evaluate the results of scientific research, expert activity and other creative work and their contribution to the development of knowledge	P8S_UW	O, EU
U02	plan and implement individual and team research or creative projects, including in an international environment	P8S UO	O, EU
K01	critically evaluate achievements within a given scientific or artistic discipline critically evaluate one's own contribution to the development of a given scientific or artistic discipline recognise the importance of knowledge in solving cognitive and practical problems	P8S_KK	
K02	maintaining and developing the ethos of research and creative communities, including: • conducting scientific activity independently • respecting the principle of public ownership of scientific results, taking into account the principles of intellectual property protection	P8S_KR	

TABLE OF PROGRAMME CONTENT			
No.	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:		
TK01	Historical sources. Ancient medicine Surgery and medicine Health and disease	2	P8S_WG P8S_UW P8S UO P8S_KK P8S_KR
TK02	History of hospital care Universities Medicine in the Renaissance period	2	P8S_WG P8S_UW P8S UO P8S_KK P8S_KR
TK03	Clinical medicine History of transfusion medicine Asepsis and antisepsis	2	P8S_WG P8S_UW P8S UO P8S_KK P8S_KR
TK04	General and local anaesthesia History of dentistry Antibiotics, sulphonamides, enzymes, hormones, vitamins – history	2	P8S_WG P8S_UW P8S UO P8S_KK P8S_KR
TK05	Development of basic sciences Development of diagnostic imaging Logic and medical studies in the past and present	2	P8S_WG P8S_UW P8S UO P8S_KK P8S_KR
NOTE: Doctoral students may also propose their own topics for research.			

SCIENTIFIC INFORMATION

LEARNING OUTCOMES			
No	**Doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Discuss basic issues related to scientific journals, their review and indexing of journal content.	P8S_WG	S

W02	Discuss basic issues related to open science, open access to scientific publications and research data.	P8S_WG	S
W03	Discuss basic issues related to bibliographies and bibliometric indicators	P8S_WG	S
W04	Discuss the rules for compiling an appendix bibliography for a scientific paper	P8S_WG	S
W05	Discuss the basic sources of scientific medical information	P8S_WG	S
U01	Is able to develop a search strategy for thematic queries in available sources of scientific medical information	P8S UK	S
U02	Uses a bibliography manager and compiles a bibliography appendix for scientific work	P8S UK	S, EP
K01	Critically evaluates scientific achievements	P8S_KK	O
TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
Exercises			
TK01	Scientific journals and their review, indexing of journal content	0.5	W01, K01
TK02	Open science and open access to scientific publications and research data	1.5	W02, K01
TK03	Registration of achievements, bibliometrics, citation databases and bibliometric indicators	1	W03, K01
TK04	Rules for creating an appendix bibliography and using a tool for managing an appendix bibliography	1	W04, U02, K01
TK05	Methodology of searching for information in bibliographic databases	2	W05, U01, K01

RESEARCH METHODOLOGY

LEARNING OUTCOMES			
No	**Doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Knows and understands – to a degree enabling the revision of existing paradigms – global achievements in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WG	E T
W02	Knows sources of scientific information and mechanisms for developing information search strategies, including the use of online databases	P8S_WG	E T
W03	Knows and understands development trends and methodological possibilities in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WG	E T
W04	Knows and understands the methodology of in vivo and in vitro research used in medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WK	E T
W05	Demonstrates knowledge of the concepts and practical applications of biostatistical evaluation of research results in medical sciences, pharmaceutical sciences or health sciences	P8S_WK	E T
W06	Knows and understands the principles of disseminating scientific results and understands the need for open science	P8S_WK	E T
W09	Knows and understands the conditions of scientific activity, including the principles of planning and conducting scientific research, the principles of ethical and legal conditions of research involving animals for	P8S_WK	E T
U01	Is able to use knowledge in the field of medical sciences, pharmaceutical sciences or health sciences and related	P8S_UW	E T

	sciences to identify problems and formulate research objectives and hypotheses, and to solve complex scientific problems in an innovative way		
U02	Is able to propose modern research techniques to solve a specific scientific problem in the field of medical sciences, pharmaceutical sciences or health sciences	P8S_UW	E T
U03	Is able to consciously use modern in vivo and in vitro methods in biomedical and pharmaceutical research and in related sciences	P8S_UW	E T
U04	Is able to develop research methods, techniques and tools and creatively apply them to solve problems in the fields of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_UW	E T
U06	Is able to apply statistical methods to compile the results of scientific research, including the results of their own research	P8S_UW	
U08	Is able to draw conclusions based on scientific research results	P8S_UW	O
U09	Is able to discuss and interpret the results of their own research and conduct a critical substantive discussion in the scientific community with regard to the current state of knowledge	P8S_UW	O
U10	Is able to prepare the results of their own research for presentation in various forms, including a doctoral dissertation	P8S_UW	O
K01	Is ready to critically evaluate achievements in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences, including their own contribution to their development and recognition of the importance of knowledge in developing cognitive and practical problems	P8S_KK	O
K02	Is prepared to cooperate with the scientific/business community in order to develop creative thinking, taking full responsibility for the consequences of their own actions.	P8S_KK	O
K03	Is prepared to fulfil the social obligations of a scientific employee, including initiating activities for the benefit of the social environment	P8S_KK	O
K05	Is prepared to uphold and develop the ethos of research and creative environments (including conducting research independently and respecting the principle of public ownership of research results, taking into account the principles of intellectual property protection)	P8S_KK	O

TABLE OF PROGRAMME CONTENT

No	Programme content	Number of hours	Reference to learning outcomes for CLASSES
TK.01	Research and scientific work. Scientific problems. Scientific research methods. Planning scientific research in medicine. Types of scientific research in medicine.	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK
TK.02	Publications as a source of knowledge. Reading scientific articles. Analysis of literature. Databases.	1	P8S_WG, P8S_UW, P8S_KK
TK.03	Formulating a research question. Selection of research methods. Selection of groups. Basics of inference. Confounding factors in scientific research. Collaboration between clinicians and researchers working in basic sciences. Approval of the Bioethics Committee. Writing an application to the Bioethics Committee.	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK
TK.04	Data collection and processing. Basic biostatistical analyses. Causality analysis. Observation as a source of measurement data. Measurement error and uncertainty of results in scientific research.	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK
TK.05	Presenting research results – writing articles, publishing, posters, oral presentations. Scientific writing – stages of publication preparation. The review process. Choosing a	2	P8S_WG, P8S_WK, P8S_UW, P8S_KK

	journal. Preparing an abstract and manuscript. Preparing a poster. Preparing an oral presentation.		
TK.06	Application of results in clinical practice. Evidence-based medicine.	1	P8S_WG, P8S_WK, P8S_UW, P8S_KK

NUTRIGENOMICS

LEARNING OUTCOMES			
No	**Doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Knows what the trends in contemporary	P8S_WG	R
U01	Can independently plan and act to learn about nutrition rules	P8S_UW	R
K01	Is able to critically assess their knowledge of nutrition principles	P8S_KK	R

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
Lectures:			
TK 01	Modification of the gut microbiota through nutrition	2	P8S_WG
TK 02	Nutrigenetics as a method of personalising nutrition. Nutrigenetics in sport	2	P8S_WG
TK 03	Nutrigenetics – disease prevention in accordance with the principles of nutrigenomics	2	P8S_WG

BASICS OF CLINICAL RESEARCH

LEARNING OUTCOMES			
No	**A doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Demonstrates knowledge of basic terminology and key concepts used in clinical research	P8S_WG	O, PS, RZĆ
W02	Has knowledge of the individual phases of a clinical trial	P8S_WG	
W03	Is familiar with the principles of ethical and reliable conduct of clinical trials (ICH GCP), selected legal acts and regulations concerning clinical trials, and the rights of patients participating in clinical trials	P8S_WG	
W04	Has knowledge of clinical trial control and supervision systems.	P8S_WG	
W05	Is familiar with the responsibilities of entities involved in conducting clinical trials	P8S_WG	
W06	Has knowledge of clinical trial documentation	P8S_WG	
U01	Demonstrates the ability to prepare applications, forms and reports used in clinical trials	P8S_UW	
U02	Has the ability to use specialist literature on clinical trials in medicine in Polish and English	P8S_UW	
K01	Understands the need to improve professional competences and the need to systematically familiarise oneself with advances in knowledge and scientific discoveries in the field of natural sciences, in particular biotechnology and related sciences.	P8S_KK	
K02	Uses objective sources of scientific information and applies the principles of critical reasoning and opinion-forming when resolving problems in the field of clinical research in medicine.	P8S_KK	

K03	Demonstrates initiative and independence in their actions.	P8S_KK	
TABLE OF PROGRAMME CONTENT			
No.	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	exercises:		
TK01	Commencement of clinical trials: application to the Bioethics Committee. Information form for trial participants.	2	P8S_WG P8S_UW P8S_KK
TK02	Informed consent to participate in the study. Rights of clinical trial participants. Roles and responsibilities of entities involved in the conduct of clinical trials.	2	P8S_WG P8S_UW P8S_KK
TK03	Standard operating procedures (SOPs). Basic issues concerning GMP and GLP Safety and management of investigational medicinal products in clinical trials.	2	P8S_WG P8S_UW P8S_KK

BASICS OF META-ANALYSIS

LEARNING OUTCOMES			
No.	**Doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Knows and understands to a degree that enables revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues – relevant to a given scientific discipline − the main development trends in the scientific disciplines in which education takes place − scientific research methodology − principles of disseminating the results of scientific activity, including through open access	P8S_WG	ZO
U01	Is able to use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ define the aim and subject of scientific research, formulate a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research - critically analyse and evaluate the results of scientific research, expert activities and other creative work and their contribution to the development of knowledge - transfer the results of scientific activity to the economic and social spheres	P8S_UW	ZO
K01	Is ready to: - critical assessment of achievements within a given scientific discipline - critical assessment of one's own contribution to the development of a given scientific discipline - recognition of the importance of knowledge in solving cognitive and practical problems	P8S_KK	ZO
TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**

Winter semester			
	Exercises:		
1	Meta-analysis as the highest level of evidence in medical and health sciences	4	W1, U1, K1
2	Assessment of the quality of scientific research - risk of bias in clinical trials	2	W1, U1, K1

PRESENTATION OF RESEARCH RESULTS (in English)

LEARNING OUTCOMES			
No	**Doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	Knows – to a degree enabling the revision of existing paradigms – the global achievements, including theoretical foundations, general issues and selected specific issues relevant to a given scientific discipline	P8S_WG	EU, PS, PM
W02	Knows the methodology of scientific research and the principles of disseminating the results of scientific activity, including through open access.	P8S_WG	EU, PS, PM
U01	Is able to critically analyse and evaluate the results of scientific research, expert activities and other creative work, as well as their contribution to the development of knowledge	P8S_UW	EU / PS / PM / O
U02	Is able to transfer the results of scientific activity to the economic and social spheres	P8S_UW	EU / PS / PM / O
U03	Can communicate on specialised topics to a degree that enables active participation in an international scientific environment	P8S_UK	EU / PS / PM / O
U04	Is able to disseminate the results of scientific activity, including in popular forms	P8S_UK	EU / PS / PM / O
U05	Is able to independently plan and act for their own development and inspire and organise the development of others	P8S_UU	EU / PS / PM / O
K01	Is prepared to critically evaluate achievements and assess their own contribution within a given scientific discipline, and recognises the importance of knowledge in solving cognitive and practical problems	P8S_KK	O

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Exercises:		
TK…..01	The process of preparing for and methods of creating a professional presentation. Tools and practical tips for public speaking. Working with stage fright, sentence structure, pauses, ways of speaking.	3	W01-W02 U01-U05 K01
TK…..02	Presentations on various media – advantages and disadvantages. The art of rhetoric and moderating discussions, and the use of non-verbal communication	2	
TK…..01	Preparation and presentation of the results of one's own work (doctoral thesis or other)	5	W01-W02 U01-U05 K01

PREPARATION OF A PROJECT AND OBTAINING FUNDS FOR SCIENTIFIC RESEARCH

LEARNING OUTCOMES			
No	**Doctoral student who has completed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W02	Knows sources of scientific information and mechanisms for building information search strategies, including the use of online databases	P8S_WG	S, PS

W03	Knows and understands development trends and methodological possibilities in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WG	S, PS
W04	Knows and understands the methodology of in vivo and in vitro research used in medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_WK	S, PS
W05	Demonstrates knowledge of the concepts and practical applications of biostatistical evaluation of research results in medical sciences, pharmaceutical sciences or health sciences	P8S_WK	S, PS
W01	Has basic knowledge of national and international sources of funding for scientific research and support activities, as well as the principles of preparing and evaluating project proposals	P8S_WK	S, PS
W12	Knows and understands the basic principles of knowledge transfer to the economic and social spheres and the commercialisation of scientific results and know-how related to these results.	P8S_WK	S, PS
U01	Is able to use knowledge in the field of medical sciences, pharmaceutical sciences or health sciences and related sciences to identify problems and formulate research objectives and hypotheses, and to solve complex scientific problems in an innovative way.	P8S_UW	S, PS
U02	Is able to propose modern research techniques to solve a specific scientific problem in the field of medical sciences, pharmaceutical sciences or health sciences	P8S_UW	S, PS
U03	Is able to consciously use modern in vivo and in vitro methods in biomedical and pharmaceutical research and in related sciences	P8S_UW	S, PS
U04	Able to develop research methods, techniques and tools and apply them creatively to solve problems in the fields of medical sciences, pharmaceutical sciences or health sciences and related sciences	P8S_UW	S, PS
U05	Is able to plan and carry out individual and team research projects, including in an international environment	P8S_UO	S, PS
U08	Is able to draw conclusions based on scientific research results	P8S_UU	S, PS
U09	Is able to discuss and interpret the results of their own research and conduct a critical substantive discussion in the scientific community with regard to the current state of knowledge	P8S_UU	S, PS
U18	Is able to plan and carry out individual and team research or creative projects, including in an international environment	P8S_UU	S, PS
U19	Is able to formulate a research objective and prepare an application for a research grant, as well as carry out individual and team research projects	P8S_UU	S, PS
K01	Is prepared to critically evaluate achievements in the fields of medical sciences, pharmaceutical sciences or health sciences and related sciences, including their own contribution to their development and recognition of the importance of knowledge in developing cognitive and practical problems	P8S_KK	S, PS
K02	Is prepared to cooperate with the scientific/business community in order to develop creative thinking, taking full responsibility for the consequences of their own actions.	P8S_KK	S, PS
K03	Is prepared to fulfil the social obligations of a scientific employee, including initiating activities for the benefit of the social environment	P8S_KK	S, PS

TABLE OF PROGRAMME CONTENT

No	Programme content	Number of hours	Reference to learning outcomes for CLASSES
TK.01	Lectures: Types of research projects. Financing of research projects – local, national and international sources. General principles of scientific project planning.	2	P8S_WG, P8S_UW, P8S_UO, P8S_KK, P8S_UU
TK.02	Research project planning. Creating a research team. Cost estimate.	1	P8S_WG, P8S_UW, P8S_UO, P8S_KK, P8S_UU
TK.03	Project writing. Consultations. Reviews. Implementation stages.	1	P8S_WG, P8S_UW, P8S_UO, P8S_KK, P8S_UU

TK.04	Project settlement. Evaluation of project objectives.	1	P8S_WG, P8S_UW, P8S_UO, P8S_KK, P8S_UU
	Exercises:		
TK.01	Presentation of projects that received funding, discussion on the subject	3	P8S_UU, P8S_UW, P8_KK, P8S_UO
TK.02	Presentation of own submitted research projects, critical evaluation, reading reviews, discussion of projects	3	P8S_UU, P8S_UW, P8_KK, P8S_UO
TK.01	Exercises:		
	Writing a PRELUDIUM project as part of the exercises, consultations with lecturers, discussing problems encountered when writing scientific projects, creating a cost estimate	4	P8S_UU, P8S_UW, P8_KK, P8S_UO

LEGAL AND ETHICAL REGULATIONS CONCERNING SCIENTIFIC RESEARCH INVOLVING HUMANS

LEARNING OUTCOMES			
No.	**Doctoral student who has completed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	knows and understands to a degree that enables revision of existing paradigms – global achievements, including theoretical foundations, general issues and selected specific issues – relevant to a given scientific discipline	P8S_WG	K, O
W02	knows and understands the economic, legal, ethical and other relevant conditions of scientific activity	P8S_WK	K, O
U01	is able to critically analyse and evaluate the results of scientific research , expert activities and other work of a creative nature and their contribution to the development of knowledge	P8S_UW	K, O
U02	is able to disseminate the results of scientific activity, including in popular forms	P8S UK	K, O
U03	plan and implement individual and team research projects research projects, including in an international environment	P8S UO	K, O
K01	fulfilling the social obligations of researchers and creators	P8S_KO	K, O
K02	maintaining and developing the ethos of research communities, including: ▪ conducting scientific activity independently, ▪ respecting the principle of public ownership of scientific activity results , taking into account the principles of intellectual property protection	P8S_KR	K, O

TABLE OF PROGRAMME CONTENTS			
No.	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
Lectures			
TK01	History of customary rules and legal regulations governing the doctor-patient relationship	1	P8S_WG, P8S_UW
TK02	History of customary rules and legal regulations governing the doctor-research participant relationship	1	P8S_WG, P8S_WK, P8S_UW
TK03	Current legal regulations concerning scientific research involving human subjects	1.5	P8S_WK, P8S_UW, P8S UK, P8S_KO, P8S_KR
TK04	Preparation of research project documentation concerning ethical and legal aspects	0.5	P8S_WK, P8S_UW, P8S UO, P8S_KR

STANDARDS OF CONDUCT IN ANIMAL EXPERIMENTS

LEARNING OUTCOMES			
No.	**Doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Has advanced and extensive knowledge of the methodological specifics of medical sciences, taking into account the latest achievements, which he/she is able to develop and creatively apply in research activities.	P8S_WG	PS
W02	Has knowledge of the legal, economic and ethical conditions of research activity and the work of a researcher.	P8S_WK	

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
E-learning			
TK01	Applicable national regulations on the protection of animals used for scientific or educational purposes	1	W02
TK02	Ethical principles for dealing with animals. Arguments for and against the use of animals for scientific or educational purposes	1	W02
TK03	Anaesthesia and pain relief methods. The impact of anaesthetics and analgesics on the outcome of the experiment. Methods of euthanising animals, the use of early and humane termination of the procedure	1	W01, W02
TK04	Recognition of signs of distress, pain and suffering specific to individual species of animals intended for use or used in procedures. Most commonly used mouse and rat strains used in research	1	W01, W02

CONTEMPORARY MOLECULAR RESEARCH TECHNIQUES

LEARNING OUTCOMES			
No.	**A doctoral student who has passed the COURSE knows/is able to:**	**Code**	**Method of verifying learning outcomes**
W01	main development trends in the scientific disciplines in which education takes place	P8S_WG	O
W02	research methodology	P8S_WG	O
U01	use knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform research tasks, in particular: ▪ defining the purpose and subject of scientific research, formulating a research hypothesis, ▪ develop research methods, techniques and tools and apply them creatively, ▪ draw conclusions based on the results of scientific research	P8S_UW	O
U02	critically analyse and evaluate the results of scientific research, expert activities and other creative work, as well as their contribution to the development of knowledge	P8S_UW	O

U03	plan and implement individual and team research projects, including in an international environment	P8S UO	O
U04	plan classes or groups of classes and implement them using modern methods and tools	P8S_UU	O
K01	recognise the importance of knowledge in solving cognitive and practical problems	P8S_KK	O
K02	critically evaluating achievements within a given scientific discipline	P8S_KK	O
K03	critical assessment of one's own contribution to the development of a given scientific discipline 6	P8S_KK	O

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:		
TK01	Contemporary molecular techniques based on PCR	2	P8S_WG, P8S_UW, P8S UO, P8S_UU, P8S_KK
TK02	Sequencing	2	P8S_WG, P8S_UW, P8S UO, P8S_UU, P8S_KK
TK03	Techniques for detecting large genetic rearrangements	2	P8S_WG, P8S_UW, P8S UO, P8S_UU, P8S_KK

ADVANCED TEACHING METHODS (CSM)

LEARNING OUTCOMES			
No.	**A doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
U01	Uses low and high fidelity simulation methods	P8S_UU	O, PS
U02	Adapts the appropriate simulation technique to the planned learning objectives	P8S_UU	O, PS
U03	Applies a variety of tasks to the planned OSCE examination	P8S_UU	O, PS
K01	Demonstrates the appropriate attitude of an academic teacher	P8S_KR	O, PS

TABLE OF PROGRAMME CONTENT			
No	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Exercises:		
TK01	The use of simulation methods in medical education	2	U01, K01
TK02	Development of a lesson plan using high-fidelity simulation methods	2	U02, K01
TK03	Preparation of a diagram for the OSCE exam for various fields of study	2	U03, K01

HEALTHCARE MANAGEMENT

LEARNING OUTCOMES			
No	**A doctoral student who has passed the COURSE knows/is able to/can:**	**Code**	**Method of verifying learning outcomes**
W01	Knows the specifics of managerial functions, the essence of task delegation and the decision-making process;	K_W11	O
W02	Characterises the essence of the process of change in an organisation, describes organisational and management techniques for assessing the quality of an organisation's functioning;	K_W19	O
U01	Analyses the relationship between: a) goal setting and planning, b) organising and implementing tasks and choosing a specific	K_U8	O

	motivation concept, c) work results and the control system;		
K01	Resolves ethical dilemmas in the organisation of their own and team work;	K3.	O
K02	Takes responsibility for participating in professional decision-making;	K1.	O

TABLE OF PROGRAMME CONTENTS			
No.	**Programme content**	**Number of hours**	**Reference to learning outcomes for CLASSES**
	Lectures:	6	
TK…..01	Diagnosis, planning, decision-making and evaluation processes in strategic and operational management	1	W01, W02, K02
TK…..02	Leadership styles and change management	1	W02, U01, K02
TK…..03	Selection process. Assessment system. Incentive systems,	2	W01, W02, U01, K01, K02
TK…..04	Management ethics and organisational culture	1	W01, W02, U01, K01
TK…..05	Irregularities in the management process	1	W01, W02, U01, K01, K02

Method of verifying learning outcomes:
EP – written examination
EU – oral examination
ET – test
EPR – practical examination
K – test
R – paper
S – practical skills assessment
RZĆ – exercise report with discussion of results
O – assessment of student activity and attitude
SL – laboratory report
SP – case study
PS – assessment of independent work skills
W – test before the start of classes
PM - multimedia presentation

BR.000.7.2023

Resolution No. 71/2023

of the Senate of the Pomeranian Medical University in Szczecin of 27 September 2023 on the improvement of the University System for Ensuring Quality of Education at the Pomeranian Medical University in Szczecin

Pursuant to Article 28(1)(16) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended) in connection with §35 point 24 of the Statutes of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 37/2019 of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on the adoption of the Statutes of the Pomeranian Medical University in Szczecin (as amended), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§1

The objective of the University Quality Assurance System is to:

1) to ensure a high level of education in medical professions and professions related to health care, and to ensure that the University's graduates:
   a) have knowledge, skills and social competences at the highest global level,
   b) demonstrate high ethical standards and a strong sense of social commitment and responsibility for the health and lives of patients,
   c) are prepared for the challenges of the modern world and the needs and expectations of the global labour market,
2) ensuring high-quality teaching staff,
3) development of teaching competences of academic teachers,
4) establishing clear responsibilities for the quality of education,
5) setting standards of conduct in the field of education quality assurance,
6) implementing effective, multidimensional tools for managing the quality of education,
7) identifying, promoting and disseminating good practices, including the prevention of plagiarism, and exchanging experiences in the field of education,
8) publishing information on the quality of the education process and its outcomes,
9) cooperating with stakeholders and partners of the University in Poland and abroad to improve the quality of education

§2

1. In pursuing the objectives of the University Quality Assurance System, the University cooperates with the socio-economic environment through the participation of external stakeholders in the process of improving the quality of education. To this end, the Chairpersons may invite representatives of the following to meetings of the University Quality Assurance Team, Faculty Quality Assurance Teams and the Commission:
   1) local government bodies,
   2) professional self-government bodies,
   3) units subordinate to the University,
   4) professions relevant to the fields of study offered,
   5) employers' organisations,
   6) entrepreneurs and others.
2. The University ensures the participation of internal stakeholders, understood as representatives of the academic community

, in particular representatives of the student council and doctoral student council, representatives of the Student Scientific Society and representatives of the University's employees.

§3

The objectives of the University Quality Assurance System are implemented at the level of the entire University and all faculties.

§4

The structure of the University Quality Assurance System consists of:

1) the Rector,
2) Vice-Rector for Education,
3) Senate Committee for Teaching and Student Affairs,
4) Rector's Representative for Quality Assurance in Education,
5) the University Team for Quality Assurance in Education,
6) Faculty Teams for Quality Assurance in Education,
7) Deans of Faculties and committees and teams appointed by them,
8) Vice-Deans of Faculties,
9) Director of the Doctoral School,
10) Head of the Postgraduate Education Centre,
11) Education Department,
12) Admissions Department,
13) Student and Doctoral Student Social Affairs Department,
14) Promotion and Information Department,
15) Office for Controlling and Accounting for Teaching,
16) Dean's office staff responsible for the quality of education,
17) Office for Persons with Disabilities,
18) Rector's Representative for Persons with Disabilities,
19) Academic Career Office (ABK),
20) Chancellor,
21) Director of the Main Library,
22) External and internal stakeholders.

§5

1. The University Team for Quality Assurance in Education (UZZJK) is appointed by the Rector.
2. The Team consists of:
   1) Rector's Representative for Quality Assurance in Education – Chair,
   2) Vice-Chairperson;
   3) Secretary;
   4) Faculty representatives,
   5) Representatives of the Doctoral School,
   6) Head of the Postgraduate Education Centre,
   7) Rector's Representative for Persons with Disabilities,
   8) Representative of the Student Council,
   9) Representative of the Doctoral Student Council,
   10) Other persons appointed by the Rector.
3. Representatives of the faculty referred to in section 2(4) shall be proposed by the relevant Dean.
4. Representatives of the Doctoral School referred to in section 2(5) shall be proposed by the Director of the Doctoral School from among the members of the Doctoral School Council and the staff of the Doctoral School Office.

5. Representatives of students and doctoral students shall be elected by the Student Parliament or the Doctoral Student Parliament of PUM, respectively.
6. Meetings of the UZZJK are held at least once per semester, with the possibility of convening an extraordinary meeting.

§6

The tasks of the UZZJK include:

1) assessing the availability of information on education on the website of the university and PUM teaching units,
2) coordinating the work of the Faculty Teams for Quality Assurance in Education,
3) developing university-wide solutions and procedures to improve the quality of education and monitoring their implementation at the university,
4) supervising the implementation of the education process in all fields and levels of study and its compliance with the University's Development Strategy and Mission,
5) preparing draft documents regulating the quality of education,
6) analysing WZZJK reports,
7) presenting current irregularities concerning teaching to the Vice-Rector for Teaching
8) presenting proposals to the Vice-Rector for Teaching aimed at improving the quality of education,
9) submitting reports to the Rector on the functioning of the University Quality Assurance System in a given academic year and reports on its activities in a given academic year by 31 December of the following academic year

§7

1. The tasks of the UZZJK related to the assessment of the quality of doctoral education include:
   1) analysis of recruitment rules,
   2) analysis of education programmes in terms of the compliance of the intended learning outcomes with the Polish Qualifications Framework,
   3) analysis of the organisation and conditions for conducting classes, including:
      a) the substantive compliance of the content of individual subjects with the education programme,
      b) conditions for the implementation of education, i.e., among others:
         − the quality of teaching staff conducting classes for doctoral students,
         − teaching infrastructure (lecture halls, seminar rooms, exercise rooms, laboratories, audiovisual equipment, teaching aids),
      c) size of lecture, seminar and practical classes,
   4) surveys of doctoral students' opinions on teaching staff and educational conditions,
   5) assessment of the quality of administrative services for doctoral students,
   6) analysis of the social situation of doctoral students by assessing access to social scholarships, living conditions and availability of places in student halls of residence,
   7) surveys on the mobility of teaching staff and doctoral students.
2. The provisions on the assessment of the quality of doctoral education apply accordingly to the assessment of the quality of education at the Doctoral School.
3. Until 31 December 2024, the Rector shall appoint a Head of Doctoral Studies to the UZZJK.

§8

1. Faculty Teams for Quality Assurance in Education (WZZJK) operate at the faculty level.

2. The WZZJK shall consist of:
   1) Chair appointed by the Vice-Rector for Education from among persons holding the title of professor or habilitated doctor,
   2) Deputy Chair,
   3) Employee(s) of the Dean's Office responsible for the quality of education,
   4) Academic teachers – representatives of the field of study,
3. WZZJK meetings are held at least once per semester, with the possibility of convening an extraordinary meeting,
4. At the end of the academic year, the WZZJK shall submit to the Deans reports on the implementation of the tasks referred to in paragraph 3 and proposals for changes aimed at improving the quality of education, by 30 October. The template for the report shall be specified by the Rector by way of an order.
5. By 30 November, the Dean shall submit to the Faculty Teaching Council a report on the implementation of the tasks referred to in section 4.
6. The Dean shall forward the report on the tasks performed, together with the resolution of the Faculty Teaching Council on its adoption, to the UZZJK within three days of the date of its adoption by the Teaching Council.

§9

The tasks of the WZZJK shall include:

1) systematic review of legal acts regulating the education process in Poland and in the European Union,
2) analysis of the rules for admission to studies in the fields offered by the faculty and adaptation of admission to changing demographic conditions and the situation on the labour market, as well as assessment of the availability of information on education. Analysis of admission rules and assessment of the availability of information on education. This concerns:
   a) the conditions and rules of recruitment and the number of places on individual courses, taking into account the Faculty's teaching staff and facilities and the demand for graduates of a given course,
   b) up-to-date information about the University's educational offer (admission rules, fields of study, levels of education and study systems, graduate profiles), which should be available to all interested parties, especially potential candidates for studies,
   c) active forms of promotion of the faculty and the University, carried out with the participation of the Promotion and Information Department, such as faculty open days, education fairs, scientific conferences, meetings with young people and secondary school teachers, presentation of the faculty and the University in the media, and also organisation of teaching activities at PUM units by unit managers and organisation of open lectures for secondary school students as part of the patronage of medical classes by the Education Department;
3) analysis of study programmes for fields of study offered by the faculty in terms of their compliance with statutory requirements, which includes:
   a) the form or forms of study, the number of semesters and the number of ECTS credits required to complete studies at a given level,
   b) the professional title awarded to graduates,
   c) classes or groups of classes, regardless of the form in which they are conducted, together with the assignment of learning outcomes and programme content ensuring the achievement of these outcomes,
   d) the total number of hours of classes,
   e) methods of verification and assessment of learning outcomes achieved by the student throughout the entire cycle of education,

f) the total number of ECTS credits that a student must obtain as part of classes conducted with the direct participation of academic teachers or other persons conducting classes;
g) the number of ECTS points that a student must obtain in classes in the field of humanities or social sciences, not less than 5 ECTS points – in the case of fields of study assigned to disciplines in fields other than humanities or social sciences, respectively,
h) the scope, rules and form of professional internships and the number of ECTS points that a student must obtain as part of these internships,
i) the number of ECTS points for courses that can be chosen by the student,
j) the number of ECTS credits for courses related to scientific activity conducted at the university in the discipline to which the field of study is assigned, or the number of ECTS credits assigned to courses developing practical skills;
k) compliance, depending on the field of study, of the intended learning outcomes with the Polish Qualifications Framework or education standards, their consistency with the content of education and teaching methods,

4) analysis of the organisation and conditions for conducting classes, courses and postgraduate studies at the faculty includes an assessment of:
   a) the substantive compliance of the content of individual subjects with the study programme,
   b) the conditions for the implementation of education, i.e., among other things:
      − teaching infrastructure (lecture halls, seminar rooms, exercise rooms, laboratories, audiovisual equipment, teaching aids, student access to computers, etc.),
      − the size of lecture, seminar and exercise groups ( ),
5) the analysis of the quality of teaching staff includes:
   a) assessment of the provision of appropriate teaching staff, in accordance with the guidelines contained in the standards and meeting the requirements of the field of study - for fields of study not covered by the standards, assessment of scientific achievements in a given field and discipline, as well as teaching achievements,
   b) analysis of ways and possibilities of motivating the teaching staff of the faculty to improve the quality of education,
   c) verification of periodic assessments of academic teachers employed at the faculty in terms of improving the quality of education,
   d) prevention and detection of plagiarism;
6) surveying student opinions on teaching staff and study conditions,
7) checking the quality of administrative services for students and participants in courses and postgraduate studies
8) analysing the social situation of students by assessing access to social scholarships, living conditions and the availability of places in student halls of residence,
9) surveying the mobility of staff and students,
10) surveying the opinions of graduates from specific fields of study,
11) collecting and analysing opinions from employers on the preparation of PUM graduates for professional work,
12) all other activities aimed at improving the organisation of teaching and ensuring a high level of education at the faculty.

§10

In order the implementation of the tasks of the System Quality Quality Education, team leaders may appoint working teams.

§11

1. In order to carry out the tasks of the System Quality Quality of Education are carried out by:
   1) classroom observations,
   2) surveys of students, doctoral students and participants in courses and postgraduate studies,
   3) surveys of graduates of individual fields of study.
2. In order to obtain opinions on the preparation of PUM graduates for professional work, the University provides employers with the opportunity to express their opinions.

§12

1. Classes are subject to observation in terms of their compliance with the curriculum and class schedule.
2. Classroom observations are conducted by visiting teams according to a set schedule.
3. Visiting teams are appointed by:
   1) the chair of the WZZJK in consultation with the Dean in the case of classroom observations of student classes.
   2) the chair of the UZZJK in the case of classroom observations of doctoral students.
4. Classroom observations of scheduled classes are conducted without prior notice of the date.
5. Class observations are conducted in accordance with the Class Observation Procedure.

§13

1. Surveys of students and doctoral students are used to obtain opinions on:
   1) the academic teacher conducting the classes,
   2) the organisation, conditions and quality of teaching, including practical training,
   3) the system of supporting students in the teaching process,
   4) the quality of administrative services for students and doctoral students, in accordance with the Procedure for conducting an online survey.
2. The survey templates and detailed procedures for conducting them shall be specified by the Rector by way of an order.
3. The opinion referred to in section 1(3) shall also be sought by enabling students and doctoral students to express their comments in writing and submit them via an anonymous survey box.

§14

1. Surveys of participants in courses and postgraduate studies serve to obtain opinions on:
   1) the organisation, conditions and quality of the courses and postgraduate studies offered,
   2) the quality of administrative services for participants of courses and postgraduate studies.
2. Surveys are conducted in accordance with the Procedure for conducting online surveys.

§15

1. Surveys of graduates from individual fields of study are used to obtain opinions on:
   1) the study programme,
   2) teaching staff,
   3) learning outcomes achieved.
2. The Academic Career Office (ABK) is responsible for conducting the surveys.
3. Academic Office Careers prepares a report from the results of the surveys

and submits them to the chair of the relevant WZZJK.

4. Detailed rules for surveys are specified in a Rector's order based on a draft presented by the Academic Career Office.

§16

1. In order to enable employers to express their opinions referred to in §8(2), the University shall post information on its ABK website and on the websites of professional self-government bodies about the possibility of expressing opinions on the preparation of PUM graduates for professional work. Employers' opinions may be taken into account in study programmes to meet the needs of the labour market.
2. The opinions referred to in section 1 shall be collected by the Academic Career Office.
3. The Academic Office Karier prepares a report from an analysis of opinions of employers and submits it to the relevant chair of the WZZJK.

§17

4. The basis for the evaluation of the University Quality Assurance System are the annual reports of the WZZJK and the annual report of the UZZJK on the functioning of the University Quality Assurance System and the activities of the UZZJK.
5. The UZZJK analyses the reports referred to in section 1 and then prepares a report indicating irregularities in the functioning of the education quality system and specifying the scope, form and deadlines for corrective or improvement measures, and submits it to the Vice-Rector for Education.
6. The UZZJK shall submit to the Rector a report on its activities in a given academic year and on the functioning of the University Quality Assurance System in a given academic year by 31 December of the following academic year.
7. The report, approved by the Rector and then forwarded to the Deans and the Director of the Doctoral School, , , constitutes the basis for taking corrective and improvement measures within the deadlines specified therein.
8. The Rector shall submit a report on the functioning of the University Quality Assurance System and the activities of the UZZJK to the Senate.

§18

1. The Senate Committee for Teaching and Student Affairs is responsible for assessing the condition and development of the teaching base.
2. The deans of the relevant faculties and the Director of the Doctoral School are responsible for implementing the developed elements of the education quality system and for taking corrective and improvement measures to improve the quality of education at the faculty.
3. The Rector's Representative for Persons with Disabilities is responsible for monitoring and analysing the educational conditions of students and doctoral students with disabilities.
4. The Office for Persons with Disabilities is responsible for taking measures to create conditions for students and doctoral students with disabilities to fully participate in the education process.

§19

1. Supervision over the implementation and improvement of the University Quality Assurance System is exercised by the Vice-Rector for Education.
2. Supervision over the functioning of the University Quality Assurance System is exercised by the Vice-Rector.

§20

dministrative support UZZJK is provided by Office Vice-Rector for Teaching, and administrative support

administrative support for WZZJK is provided by the staff of the dean's offices responsible for the quality of education at the faculty.

§21

The implementation of this resolution is entrusted to the Rector, in particular with regard to issuing executive orders enabling the implementation of the objectives of the University Quality Assurance System.

§22

Resolution No. 38/2021 of the Senate of the Pomeranian Medical University in Szczecin of 28 April 2021 on improving the University Quality Assurance System at the Pomeranian Medical University in Szczecin shall cease to be in force.

§23

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

BR.000.10.2024

Resolution No. 73/2024
of the Senate of the Pomeranian Medical University in Szczecin of 18 December 2024 amending Resolution No. 71/2023 on improving the University Quality Assurance System at the Pomeranian Medical University in Szczecin

Pursuant to Article 28(1)(16) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2024, item 1571) in connection with §35(24) of the Statutes of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 37/2019 of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on the adoption of the Statutes of the Pomeranian Medical University in Szczecin (as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

In Resolution No. 71/2023 of 27 September 2023 on the improvement of the University Quality Assurance System at the Pomeranian Medical University in Szczecin, the objective of the University Quality Assurance System §8(2)(1) shall read as follows:
"1) The Chair appointed by the Vice-Rector for Education from among persons holding at least a doctoral degree,"

§2

The resolution shall enter into force on the date of its adoption.

Prof. Leszek Domański, PhD Rector of the Pomeranian Medical University Chair of the Senate

DOP.0210.136.2023

Decree No. 136/2023

of the Rector of the Pomeranian Medical University in Szczecin of 10 October 2023 on procedures for assessing and improving the quality of education at the Pomeranian Medical University in Szczecin

Pursuant to §6(3) and §21 of Resolution No. 38/2021 of the Senate of the Pomeranian Medical University in Szczecin of 28 April 2021 on the improvement of the University System for Quality Assurance Education at the Pomeranian University Medical University in Szczecin, I hereby order as follows:

§1

I hereby introduce the following procedures for the assessment and improvement of the quality of education at the Pomeranian Medical University in Szczecin:

1) Procedure for verifying the achievement of learning outcomes at the Pomeranian Medical University in Szczecin, constituting Appendix 1 to this order;
2) The procedure for developing, periodically reviewing and improving programmes at the Pomeranian Medical University in Szczecin, constituting Appendix 2 to this order;
3) Procedure for ensuring the quality of teaching staff at the Pomeranian Medical University in Szczecin, constituting Appendix 3 to this order;
4) Procedure for monitoring and reviewing teaching and research infrastructure and teaching resources at the Pomeranian Medical University in Szczecin, constituting Appendix 4 to this order;
5) The procedure for supporting students and doctoral students in the learning process at the Pomeranian Medical University in Szczecin, constituting Appendix 5 to this order.

§ 2

1. Order No. 49/2021 of the Rector of the Pomeranian Medical University in Szczecin of 29 April 2021 on "Procedures for the assessment and improvement of the quality of education at the Pomeranian Medical University in Szczecin" shall be repealed.
2. This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

DOP.0210.136.2023

Appendix No.
1 to Order No. 136/2023
of the Rector of the Pomeranian Medical University

PROCEDURE FOR VERIFYING THE ACHIEVEMENT OF LEARNING OUTCOMES AT THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

1. Purpose of the procedure

The purpose of the procedure is to define the rules of operation of the verification system, confirming that the student has achieved the learning outcomes in terms of knowledge, skills and social competences set out in the study programme.

2. Verification and monitoring of the achievement of the intended learning outcomes

1) Verification and monitoring of the achievement of the intended learning outcomes are carried out in all fields of study, levels and profiles of study with the participation of Deans, Vice-Deans, teachers acting as subject coordinators at the Faculty of Medicine and Dentistry, field coordinators at the Faculty of Pharmacy and Medicine, and field representatives at the Faculty of Health Sciences, as well as internal and external stakeholders.
2) Internal verification of the achievement of the intended learning outcomes concerns individual subjects/modules, internships and the entire study programme. External verification in terms of compliance with labour market expectations is carried out by graduates and employers.
3) Obtaining a positive grade in an exam or passing a course/module, internship, bachelor's/master's thesis and diploma exam requires achieving all the intended learning outcomes at the minimum acceptable level specified in the Study Regulations. Obtaining a failing grade or failing a course/module or internship means that the intended learning outcomes have not been achieved.
4) Verification of the achievement of the expected learning outcomes is carried out in stages and at various levels by:
   a) the teacher conducting the subject/classes – for each student and collectively for students of the entire year of study,
   b) the internship supervisor/mentor – for each student,
   c) deputy deans of faculties for fields of study – collectively for the field of study,
   d) diploma examination boards – for each student.
5) Verification and monitoring of the achievement of the intended learning outcomes at the level of the Faculty Teams for Quality Assurance in Education is carried out on the basis of:
   a) lists of final assessment and examination grades,
   b) pass rates for examinations in the first term, first resit term and second resit term,
   c) repeat rates for individual subjects,
   d) semester/year repetition rates,
   e) final examination and diploma examination results,
   f) rates of diploma examinations conducted within the statutory time limit.
   g) tools related to internships.
6) External verification of the achievement of the intended learning outcomes is provided by:

a) opinions of external stakeholders,
b) results of graduate surveys,
c) results of national final examinations.

7) Based on the data referred to in points 4 and 5, members of the Faculty Teams for Quality Assurance in Education analyse the achievement of the intended learning outcomes. The results of this analysis are included in the annual report on the activities of the Faculty Teams for Quality Assurance in Education, together with proposals for changes aimed at improving the quality of education in terms of achieving the intended learning outcomes. The report is submitted to the Dean, who presents it to the Teaching Council.
8) Based on the report referred to in point 7 and the comments and proposals submitted by the members of the Faculty Team for Quality Assurance in Education responsible for the analysis, the Dean:
   a) if necessary, conducts or commissions an analysis of the method used to verify the achievement of learning outcomes in terms of correctness, accuracy and compliance with the course description and syllabus,
   b) in the event of irregularities, orders improvements to the method of verifying the achievement of learning outcomes, improvements to the syllabus or the development of appropriate modifications to the subject programme.

3. Graduation process

1) In order to complete their studies and obtain a diploma in medicine and dentistry, students must achieve all the expected learning outcomes at least at the minimum acceptable level specified for each component of the education process, i.e. in relation to subjects, professional internships and final examinations required by the study programme.
2) The graduation process for other fields of study is carried out in accordance with the regulations for final examinations.

4. Student internships

1) The quality of internships in a given field of study is supervised by the Internship Supervisor, on behalf of the university, or the Vice-Dean appointed by the Dean.
2) Internships may be carried out in the University's medical facilities or in institutions with which the University has signed an appropriate agreement.
3) If a student chooses an institution that does not have a signed agreement with the University, it is possible to conclude one. Preliminary approval of the institution for the internship is based on the information provided in the internship application form completed by the student and the criteria for selecting the institution. These criteria, which are specific to each field of study, are available on the websites of the dean's offices and in the Virtual Dean's Office.
4) The selection and verification process also takes into account student opinions expressed in a survey and the results of internship observations.
5) Student internships are observed by the Internship Supervisor, the Vice-Dean or members of the observation teams of the Faculty Teams for Quality Assurance in Education.
6) The results of the survey and the internship observation reports, which serve to optimise the internships, are analysed by the Internship Supervisor on behalf of the University or the Vice-Dean and a representative of the Faculty Team for Quality Assurance in Education. Institutions which are found not to guarantee an adequate level of content, conditions or reliable supervision of students during their internships are subject to detailed analysis and observation by the Internship Supervisor, members

the observation teams of the Faculty Teams for Quality Assurance in Education and the Vice-Deans during student internships. A repeat finding of irregularities at an institution results in its removal from the list of institutions where students can undertake internships.

7) Internships are assessed by the Internship Supervisor on behalf of the University or the Vice-Dean on the basis of documentation submitted by the student confirming its completion.

DOP.0210.136.2023

Appendix No.
2 to Order No. 136/2023
Rector of PUM

PROCEDURE FOR THE DEVELOPMENT, PERIODIC REVIEW AND IMPROVEMENT OF STUDY PROGRAMMES AT THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

1. Purpose of the procedure:

The procedure aims to ensure the highest quality of study programmes offered at PUM and their continuous improvement through:

1) regulating, supporting and ensuring the quality and continuity of the process of designing, evaluating and improving study programmes;
2) providing guidelines to the Programme Committees implementing the above-mentioned process.

2. Development, periodic review and improvement of study programmes

1) Study programmes are subject to constant review. Proposals for changes aimed at their improvement are prepared by Programme Committees. The programmes are then reviewed by the Teaching Council and approved by the PUM Senate.
2) Proposals for the improvement of study programmes take into account information obtained throughout the academic year, in particular:
   a) changes in legal regulations, resolutions and orders of the University authorities;
   b) objectives set out in the University's development strategy and mission;
   c) information from the heads of research and teaching units or academic teachers implementing the programme in a given field of study;
   d) information obtained from students of a given field of study and from doctoral students;
   e) information from the socio-economic environment, obtained during meetings of university entities involved in the development of study programmes and the improvement of the quality of education, as well as through direct contacts between employees of scientific and teaching units and external stakeholders, including informal contacts;
   f) data obtained during the monitoring of students' achievement of the intended learning outcomes;
   g) data on the fate of graduates and opinions of graduates obtained by the Academic Career Office (ABK);
   h) information on the activities of other leading national and foreign centres obtained by the Programme Committees during meetings of the academic community of a given field of study and by employees during conferences, internships, trips and informal contacts.
3) The process of developing and periodically reviewing study programmes should take into account:
   a) a description of the graduate profile for a given field of study,
   b) specifying subjects with assigned learning outcomes in terms of knowledge, skills and social competences,
   c) the total number of teaching hours,
   d) the total number of ECTS credits that a student must obtain as part of classes conducted with the direct participation of academic teachers or other persons conducting classes,

e) the number of ECTS credits that a student must obtain in classes in the field of humanities or social sciences,
f) the scope and rules of internships and the number of ECTS credits that a student must obtain as part of internships,
g) the number of ECTS credits for classes that can be chosen by the student,
h) compliance, depending on the field of study, of the intended learning outcomes with the Polish Qualifications Framework or education standards, their consistency with the content of education and teaching methods,
i) whether the learning outcomes reflect the expected progress in students' knowledge and skills, especially in the case of first- and second-cycle studies in the same field and profile,
j) whether the learning outcomes achieved are specific, verifiable, measurable and achievable by the student,
k) the specific needs of different forms and profiles of studies (full-time/part-time, general academic/practical profile), which are defined in generally applicable regulations.

3. Entities involved in the development, periodic review and improvement of study programmes

1) Academic teachers responsible for individual subjects or educational modules develop and annually update subject/module syllabuses in accordance with the template specified by the Rector's order.
2) Heads of research and teaching units:
   a) approve course/module syllabuses,
   b) submit proposals for changes to study programmes in subsequent education cycles to the Programme Committee;
3) Programme Committees prepare proposals for changes to study programmes based on the analysis of data and information obtained from internal and external stakeholders.
4) Academic teachers who are members of the Faculty Teams for Quality Assurance in Education:
   a) submit proposals for changes to study programmes to the Programme Committee in relation to a given subject/module,
   b) analyse and submit comments made by internal and external stakeholders to the Programme Committee.
5) Representatives of the Student Parliament and the Doctoral Student Parliament submit proposals for changes to study programmes to the Faculty Teams for Quality Assurance in Education or the Programme Committees.
6) The Senate of the Pomeranian Medical University in Szczecin adopts study programmes for subsequent cycles of education for individual fields of study and changes to study programmes for a given cycle of education.

DOP.0210.136.2023

Appendix No.
3 to Order No. 136/2023
of the Rector of PUM

PROCEDURE FOR ASSURING THE QUALITY OF TEACHING STAFF AT THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

1. **Purpose** of the procedure:

1) The purpose of the procedure is to establish rules of conduct for ensuring the quality of teaching staff at the Pomeranian Medical University in Szczecin.
2) The procedure is intended to ensure the highest quality of education so that teaching staff involved in the teaching process have the obligation and opportunity to continuously and systematically improve their knowledge and teaching skills/competences and use them for the benefit of students.
3) The procedure applies to all academic teachers and persons conducting classes at the University, their immediate superiors, students, doctoral students, Deans and Vice-Deans of faculties, the Director of the Doctoral School and the Head of the Postgraduate Education Centre.

2. **University staff resources**

1) The Dean, through the Vice-Rector for Teaching, the Office for Teaching Controlling and Accounting, and the Human Resources Department, monitors the staffing resources of all fields of study implemented at the faculty, in particular in the scope of its stability and the occurrence of potential threats to the fulfilment of the legal conditions for conducting education.
2) Detailed rules and procedures for the employment and promotion of teaching staff are set out in the relevant internal acts of the university: the PUM Statutes, Senate resolutions and Rector's orders.
3) The selection of appropriate staff is based on a periodic assessment of scientific, teaching and organisational activities, as provided for by law. The detailed procedure for conducting periodic assessments and the criteria for individual groups of employees and types of positions are regulated by the relevant internal acts of the university.
4) The heads of research and teaching units are responsible for ensuring that teaching positions are filled by persons who possess the necessary substantive and teaching qualifications. The heads of research and teaching units are responsible for planning the implementation of classes by the teaching staff of the unit, including the completion of individual teaching loads and the feasibility of planned teaching hours, taking into account individual teaching workloads. If it is necessary to hire a new teaching staff member, they submit a request to the Rector.
5) Faculty Teams for Quality Assurance in Education systematically collect, analyse and use information to ensure the highest quality of teaching staff. Comments and proposals for changes are included by these Teams in their annual reports.

3. Support and motivation of staff

1) An important element of the staff motivation system are awards for scientific, teaching and organisational achievements, the granting of which is regulated by the Rector's regulations.
2) The university provides teachers with support in their academic development by offering the possibility of financing research projects. Legal acts and necessary information are available on the PUM Intranet, under the tab: Academic activity.
3) Academic teachers have the opportunity to travel for training purposes or to conduct classes as part of the Erasmus+ programme.
4) The University provides training courses to support the development and improvement of teaching competences of teaching staff. Information about available courses, workshops and internships is communicated to the heads of scientific and teaching units and assistant professors through the Deans of the faculties and via the University's website.
5) In the case of newly hired academic teachers, advisory and improvement class observations are conducted.

4. Student participation in the evaluation of teaching staff

1) The evaluation and selection of appropriate teaching staff is facilitated by surveys conducted each academic year among students and doctoral students, aimed at assessing academic teachers in terms of their fulfilment of their teaching duties.
2) Anonymous surveys among students are conducted electronically after the completion of each course/module. The survey is conducted in all fields of study in which an academic teacher has taught a course/module.
3) Anonymous surveys among doctoral students are conducted in paper form each year of study.
4) Summary reports of the survey results are forwarded to the Vice-Rector for Education, who then makes them available to the relevant Deans, the Director of the Doctoral School and the heads of the research and teaching units where the classes were conducted.
5) The heads of research and teaching units are required to familiarise their staff with the results of the student and doctoral student surveys.
6) The survey results are used exclusively for activities aimed at improving the quality of education (e.g. for the periodic evaluation of teachers). Persons involved in the process of compiling the results and having access to the individual survey results of employees are required to comply with the University's personal data protection rules and to keep the survey results confidential.
7) The results of the annual surveys are analysed by the Faculty Teams for Quality Assurance in Education. In the case of persons who have received low ratings, classroom observations of their classes are planned, combined with a discussion aimed at improving the quality of teaching.

DOP.0210.136.2023

Appendix No.
4 to Order No. 136/2023
of the Rector of PUM

PROCEDURE
FOR MONITORING AND REVIEWING TEACHING AND RESEARCH INFRASTRUCTURE AND TEACHING RESOURCES AT THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

1. Purpose of the procedure:

The purpose of the procedure is to describe detailed, systematic activities for the periodic review, modernisation and optimisation of the teaching and research infrastructure and teaching resources of the University, with particular emphasis on adapting them to the needs of the educational process. In particular, issues related to the size of student groups, aspects of innovation and the efficiency of equipment and apparatus are taken into account.

2. Teaching infrastructure and resources

1) The Vice-Rector for Teaching, who heads the Senate Committee for Teaching and Student Affairs, is responsible for the development and continuous improvement of the teaching base in terms of equipment at the University.
2) As part of its duties, the Senate Committee for Teaching and Student Affairs considers applications from the heads of research and teaching units for purchases related to the equipment of units for teaching purposes. Applications that are approved are forwarded to the Procurement Department for implementation.
3) The Chancellor is responsible for the University's infrastructure and, as part of his duties, systematically collects written requests for renovation, modernisation or adaptation of premises submitted by the heads of organisational units. After analysing the requests, the tasks taken into account are included in the University's renovation plan or investment plan.
4) The heads of research and teaching units are responsible for the systematic review and optimisation of the infrastructure and teaching resources of their units. Based on continuous monitoring and analysis of teaching resources, the heads of research and teaching units submit applications to the Senate Committee for Teaching and Student Affairs for the purchase of teaching aids and equipment necessary for the implementation of classes covered by the study programme, and information on the need to carry out necessary renovation or investment works is forwarded to the Chancellor.
5) An analysis of the conditions for conducting classes covered by the education programme, including premises and equipment, aimed at improving the teaching and research infrastructure and teaching resources, is also carried out by the Faculty Teams for Quality Assurance in Education, including members of the observation teams. Comments and proposals for measures aimed at improving the conditions for the educational process are presented by the Faculty Teams for Quality Assurance in Education in their annual reports.
6) Issues related to the teaching base are also discussed at meetings with students organised by the Vice-Rector for Education, Deans or Vice-Deans. The conclusions from

meetings may be used to optimise the conditions for teaching.

3. Library and educational resources

1) The main library of the Pomeranian Medical University, which reports to the Vice-Rector for Science, is the basis for the functioning of the University's library and information system.
2) The organisation and functioning of the library and information system, as well as the rules for using the system in traditional and electronic form by employees, students and doctoral students of the Pomeranian Medical University, are specified in the organisational regulations of the Main Library and the regulations for accessing the collections.
3) Constant monitoring of IT and library resources by library staff enables them to be adapted to the needs arising from the teaching and learning process in all fields of study offered at PUM.
4) The library's collection is gradually supplemented with the latest textbooks in accordance with the lists of required reading recommended in the course syllabi, as well as taking into account the current needs of teachers, students and doctoral students.
5) The purchase of textbooks and the number of copies is agreed with the heads of research and teaching units or persons conducting classes with students. Student opinions also influence the above-mentioned purchases.
6) Students and teachers can submit proposals for the purchase of specific titles via the library's website "Suggest a book purchase" and on the IBUK Libra platform.
7) The library offers employees, doctoral students and students access to Polish and foreign electronic medical information sources, bibliographic databases and full-text databases on the PUM network and outside the network via a VPN service.

4. IT resources

1) The Vice-Rector for Development supervises the development and operation of the university's IT infrastructure, including the implementation of modern IT platforms.
2) The Chancellor is responsible for the administration of IT systems and the development of IT infrastructure, with the IT Department and the Integrated IT Systems Department reporting to him.
3) The IT Department and the Integrated IT Systems Department, within the scope of their competences:
   a) administer the University's IT systems, ensuring their continuous development,
   b) verify the needs of organisational units in the IT needs,
   c) organise training courses,
   d) support employees, doctoral students and undergraduates in the the University's IT system.

DOP.0210.136.2023

Appendix No.
5 to Order No. 136/2023
of the Rector of PUM

PROCEDURE FOR SUPPORTING STUDENTS AND DOCTORAL STUDENTS IN THE LEARNING PROCESS AT THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

1. Purpose of the procedure:

1) The purpose of the procedure is to indicate the basic forms of support for students of all fields of study and levels of study in the areas of teaching and research activities, facilitating the learning process, providing financial assistance, psychological support, improving the system of services for students with disabilities, and supporting students with the best academic results.
2) The procedure also defines the system for considering student complaints and requests.
3) Support for students and doctoral students of the Pomeranian Medical University in Szczecin in the learning process is permanent and multifaceted. This support takes into account the diverse needs of students and doctoral students and promotes their scientific, professional and social development.

2. Teaching process

1) In the learning process, direct support for students, doctoral students and postgraduate students is provided by a qualified, constantly developing academic and teaching staff.
2) In solving current teaching and organisational problems, students are supported by Year Tutors appointed by the Dean, after consultation with the Student Council, whose main tasks are:
    a) providing assistance in matters reported by students related to the educational process,
    b) cooperating with the Dean/Vice-Dean and student government bodies in order to intensify the flow of information concerning education and improve its organisation and quality.
3) In the scope of individual subjects/modules, support for students/doctoral students is provided by teaching assistants or subject coordinators.
4) In the implementation of scientific and teaching activities and in the preparation of doctoral dissertations, support is provided to doctoral students by their supervisor/assistant supervisor, as well as by the Doctoral School Office and the Director of the Doctoral School.
5) By organising workshops, courses and training sessions as part of external projects, the university provides students and doctoral students with the opportunity to supplement or expand the knowledge and skills acquired during the education process.
6) The teaching process is also supported by the library and information system, the staff of the PUM Library and its resources. The book collection, which is gradually being expanded, includes textbooks recommended in the syllabuses, Polish and foreign journals, and teaching aids. It is possible to use the reading room, computer stations with Internet access, and individual study rooms.

7) In order to provide students with the opportunity to undertake internships as part of their study programme, the University establishes cooperation and signs relevant agreements with the appropriate institutions.
8) The university enables students and doctoral students to participate in the organisation of the teaching process by:
   a) membership in university bodies involved in the analysis, verification and creation of study programmes,
   b) the possibility of reviewing study programmes and the Doctoral School's education programme during meetings of university bodies responsible for the quality of education,
   c) agreeing on the provisions of the Study Regulations and internal regulations of scientific and teaching units,
   d) participation in surveys evaluating academic teachers and mentors, teaching activities, study/education conditions, institutions providing internships and student/doctoral student services by administrative staff.

3. Motivating students to achieve better academic results, supporting outstanding students

1) Motivating students is implemented and coordinated at the university level.
2) One of the ways of motivating students to achieve better academic results is the Rector's scholarship, the rules for awarding which are set out in a separate Rector's order.
3) Outstanding PUM students/doctoral students who excel in their studies have the opportunity to take advantage of individual study arrangements, the rules for which are set out in the Study Regulations / Regulations of the PUM Doctoral School.
4) As part of the non-material system of motivating students to achieve better academic results, a student who has achieved very good academic results in a given subject during the teaching cycle may take the exam in that subject in advance, may be exempted from the exam or part of it on the terms specified in the internal regulations of the scientific and teaching unit, and may obtain additional points to improve their exam result.-educational unit, may obtain additional points to improve their exam result.

4. Financial aid system, administrative and psychological support

1) Students may benefit from the financial aid system in accordance with the Rector's order.
2) The Scholarship Committee and the Scholarship Appeals Committee are the bodies that decide on financial aid. Financial aid is awarded with the participation of students, and the rules for awarding it are posted on the website of the Student and Doctoral Student Social Affairs Department.
3) Students/doctoral students have the opportunity to stay in student halls of residence, and the allocation of places takes place with the participation of students.
4) Students/doctoral students in special circumstances have the opportunity to take courses covered by the study programme according to an Individual Class Schedule, in accordance with the rules set out in the Study Regulations / Regulations of the PUM Doctoral School.
5) The university offers students and doctoral students free psychological assistance.
6) Administrative and organisational services for students and doctoral students are provided by the Dean's Offices and the Doctoral School Office, as well as the Admissions Department, the Health and Safety and Environmental Protection Department, the Science and International Cooperation Department, the Library, the Student and Doctoral Student Social Affairs Department, the Education Department, the Academic Career Office, and, in the area of accommodation in student halls of residence, the Student Housing Estate.

5. Scientific and social activities and interests of students

1) Students can develop their own scientific interests through:
   a) carrying out research projects in Student Research Clubs, supported by designated supervisors, as part of the Student Scientific Society,
   b) use of the University's premises, equipment and resources, also outside teaching hours,
   c) the opportunity to apply for student grants as part of the PUM Student Research Projects competition.
2) Student organisations are active at the university.
3) Students can develop their own non-scientific interests through:
   a) implementing individual or team artistic projects (i.e. exhibitions, concerts, competitions, etc.) and social campaigns (i.e. popularisation of science, preventive campaigns, etc.)
   b) activities carried out by student organisations,
   c) using the university's premises, equipment and resources outside of teaching hours.
4) Sports clubs operating at the Physical Education and Sports Centre contribute to the promotion and development of students' physical activity.

6. Preparation for entering the labour market

1) Activities supporting the preparation of students for entering the labour market are carried out by the Academic Career Office.
2) The Academic Career Office supports students' entry into the labour market through, among other things, meetings with a career advisor, organising meetings between students and potential employers, and cooperating with labour market institutions in organising training courses to prepare students for entering the labour market.

7. Resolving complaints, considering applications, resolving disputes, conflict situations and reported problems

1) The Vice-Rector for Education, the Vice-Rector for Science, the Chancellor and the Rector are responsible for resolving complaints and considering requests submitted by students/doctoral students.
2) In particularly justified cases, the Rector may decide on a different method of examining the complaint/request, appointing a special team for this purpose or forwarding the complaint / request to another body, unit or employee for consideration.
3) The rules for examining complaints and requests are regulated by a separate order of the Rector.
4) Students may report any problems concerning the education process, either verbally or in writing, to an employee of the Dean's Office, the year representative or the year tutor, who will undertake to mediate in resolving the problem. If the problem is not resolved, the next instance is the Dean or Vice-Dean. The Vice-Rector for Education is the final instance and appeal body in the system.
5) First-year students are informed about the methods of resolving disputes, problems and conflicts at the inaugural meeting, while older students are informed at meetings with the Dean or Vice-Deans.
6) The Student and Doctoral Student Ombudsman safeguards the rights of students and doctoral students at PUM, cooperates with the University authorities, organisational units of the University, the Student Parliament and the Doctoral Student Parliament in matters involving

violations of the rights of students or doctoral students, as well as in the field of educating students and doctoral students about their rights and obligations.

7) Students may submit comments, complaints and requests anonymously via the Anonymous Survey Box located in the PUM Library
8) The Procedure for Counteracting Mobbing, Sexual Abuse and Discrimination of Students and Doctoral Students at the Pomeranian Medical University in Szczecin defines the rules for counteracting the above-mentioned undesirable events and the procedure to be followed in the event of their occurrence. First-year students are familiarised with the procedure at the inaugural meeting, while students in higher years are provided with a multimedia presentation based on the content of the above-mentioned procedure on the website.

8. Students and doctoral students with disabilities

1) Ongoing assistance to students and doctoral students with disabilities is provided by the Rector's Representative for Persons with Disabilities and the Office for Persons with Disabilities.
2) The activities of the Rector's Representative for Persons with Disabilities and the Office for Persons with Disabilities are aimed at equalising educational opportunities for students and doctoral students with disabilities by creating conditions for their full participation in the education process, and as well as integration of students and doctoral students able-bodied and disabled persons in the academic environment.
3) The possibilities of adapting the organisation and implementation of the education process to the needs of students and doctoral students with disabilities are specified in the Study Regulations / Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin.
4) As part of the project "Improving the accessibility of the Pomeranian Medical University in Szczecin for people with disabilities", free psychological support is provided for students and doctoral students with disabilities.

9. Student mobility

1) Domestic student mobility is facilitated by the MOSTUM Programme, under which students spend one semester or one year of study at a medical university other than their home university in Poland.
2) Students and doctoral students have the opportunity to complete part of their studies and professional internships at foreign universities as part of the Erasmus+ programme and programmes organised by the National Agency for Academic Exchange (NAWA). To this end, the university enters into international exchange agreements with partner universities.
3) Learning outcomes achieved at foreign universities are credited to the learning outcomes achieved at PUM only in the case of full programme compliance. Learning outcomes that have not been achieved must be obtained at PUM after the end of the exchange; an individual mode is possible.
4) The Department of Science and International Cooperation and the Coordinators for the Erasmus+, MOSTUM and NAWA programmes are responsible for supporting the mobility of students and doctoral students.

10. Review, evaluation and improvement of forms of support for students and doctoral students in the learning process

1) The review and assessment of forms of support for students and doctoral students is carried out by the Faculty Teams for Quality Assurance in Education.
2) Information on student support is collected throughout the academic year from the student council, the Department of Science and International Cooperation, the Office for

Information on support is also obtained from Deans/Vice-Deans – summaries of meetings with students and year tutors. Information on support is also obtained from Deans/Vice-Deans – summaries of meetings with students and year tutors. Reports on classroom observations and survey results are also sources of information.

3) Every year, students have the opportunity to evaluate administrative services in the form of an electronic survey. The results are forwarded to the Faculty Teams for Quality Assurance in Education, included in the annual report and form the basis for formulating and commissioning any improvement measures addressed to the Dean or other person responsible for the functioning of a given administrative unit.
4) The Academic Career Office prepares annual reports on its activities. Conclusions with comments on optimising the preparation of students for entering the labour market are forwarded to the Dean and Faculty Teams for Quality Assurance in Education. Their content is included in the annual report. On this basis, measures are implemented to improve the study programme and the quality of education.
5) During meetings organised by the Department of Science and International Cooperation, issues related to the adequacy of measures taken to support mobility are discussed, and conclusions that may contribute to the optimisation of student mobility are forwarded to the Deans and Faculty Teams for Quality Assurance in Education.
6) Issues related to supporting students and doctoral students in the learning process are discussed at meetings with students organised by Deans or Vice-Deans, as well as at meetings with doctoral students organised by the Director of the Doctoral School.
7) Comments and requests from student and doctoral student representatives regarding support in the teaching process are communicated during meetings of the Faculty Teams for Quality Assurance in Education and meetings organised by the Vice-Rector for Education. Requests from students/doctoral students may be used to optimise various forms of support.
8) The final report on the results of the surveys referred to in Chapter 2, point 8(4) and Chapter 10, point 3, as well as the conclusions from the meetings referred to in points 5-7, are analysed by the Faculty Teams for Quality Assurance in Education, which, in an annual report sent to the University Team for Quality Assurance in Education, propose improvement measures in the area of support for students and doctoral students.
9) The Faculty Teams for Quality Assurance in Education present the improvement action plan to the Deans, the Director of the Doctoral School and the Vice-Rector for Education. The implementation and timeliness of these actions are verified by the University Team for Quality Assurance in Education.

DOP.0210.32.2022

Order No. 32/2022

of the Rector of the Pomeranian Medical University in Szczecin of 21 March 2022 on the introduction of the "Procedure for observing teaching classes"

Pursuant to Article 23(1) and (2)(2) of the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2022, item 574) and §12(5) and § 21 of Resolution No. 38/2021 of the Senate of the Pomeranian Medical University in Szczecin of 28 April 2021 on the improvement of the University Quality Assurance System at the Pomeranian Medical University in Szczecin, I hereby order as follows:

§1

I hereby introduce the "Procedure for Observing Classes," which constitutes an appendix to this order.

§2

1. Decree No. 61/2016 of the Rector of the Pomeranian Medical University in Szczecin of 21 June 2016 on the introduction of the "Procedure for observing classes" is hereby repealed.
2. This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector

of PUM

Appendix to Order No. 32/2022 of the Rector
of PUM dated 21 March 2022.

Procedure for observing classes

§ 1

1. As part of the University Quality Assurance System at the Pomeranian Medical University, hereinafter referred to as the "System", classroom observation is introduced.
2. Classroom observations are a tool for supporting the development of the University's academic teachers and a basis for the continuous improvement of the quality of education.
3. Classroom observations are conducted in all first, second and third cycle programmes and in uniform master's programmes.
4. Classroom observations cover all forms of theoretical and practical classes.

§ 2

Classroom observations may be of an

1) advisory and improvement: observation of work practices in order to diagnose strengths and weaknesses pages work teaching and support the person being observed in improving their teaching skills;
2) evaluator: observation of classes combined with an assessment of the teacher's work;
3) opinion-giver: observation of students' knowledge, skills and social competences as a result of the introduction of new/innovative teaching methods by the person being observed.

§ 3

1. Classroom observations conducted are according to the faculty schedule specified by the Chair of the Faculty Council for a given academic year.
2. A minimum of 10 classroom observations should take place in a given department during the semester.

§ 4

Class observations cover doctoral students and academic teachers, regardless of their form of employment, but primarily:

1) academic teachers indicated by the Faculty Teams for Quality Assurance in Education on the basis of, among other things, the results of the student survey evaluating classes and teachers (class observation of an advisory-improvement or evaluative nature);
2) doctoral students and newly employed academic teachers of the University (during the first 3 years of employment; observation of an advisory and improvement nature);
3) academic teachers who have notified the Dean of their willingness to undergo classroom observation, e.g. in connection with the implementation of new and/or innovative teaching methods (classroom observation for the purpose of evaluation or consultation and improvement);
4) academic teachers indicated at the request of the Student Council, Doctoral Student Council and/or heads of teaching units.

§ 5

1. The chair of the observation team, appointed by the Chair of the WZZJK, is responsible for conducting the observation.
2. The head of the teaching unit where the observation takes place or an academic teacher authorised by the head may participate in the observation.
3. The observation team may not interfere with the course of the class, make changes (e.g. to the topic of the class), or violate the teacher's established course of action.

§ 6

The following areas are assessed during the observation:

1) the structure of the classes,
2) the manner in which the class is conducted,
3) the appropriateness of the teaching methods to the subject matter and the use of teaching aids,
4) compliance of the classes with the curriculum for the given subject,
5) communication skills of the presenter and ability to establish contact with students/doctoral students/auditors/course participants,
6) ability to engage and inspire students/doctoral students/auditors/course participants to pursue their own research;
7) determining whether the knowledge and skills acquired during the classes allow for the achievement of the intended learning outcomes.

§ 7

1. For each observation, the observation team shall draw up a report in accordance with the template attached to Rector's Order No. 168/2021 of 15 December 2021 on the template for reports on the observation of classes in all fields and levels of study.
2. The observation report shall be made available to the academic teacher conducting the observed class and to the head of the research and teaching unit, who shall be required to respond in writing to the results of the observation within 7 days of receiving the report.

§ 8

1. The Chair of the Academic Staff Council ( ) of the Faculty of Management and Economics ( ) may order a repeat observation in the current or following academic year if irregularities are found during the observation, in order to check whether the post-observation recommendations have been implemented and/or if the person observed does not agree with the opinion of the observation team.
2. If irregularities are found again, the teacher being observed is required to submit a written plan of action to the Dean, approved by their immediate superior, aimed at improving the quality of their teaching.

§ 9

1. The results of classroom observations are taken into account in the periodic evaluation of academic teachers and in the event of promotion at the University.
2. Faculty Teams for Quality Assurance in Education analyse the results of classroom observations conducted at the Faculty. The conclusions and recommendations from the analysis should be included in the annual faculty reports on the assessment of the quality of education.

§ 10

In matters not covered by this procedure for observing classes, decisions shall be made by the Chair of the WZZJK, taking into account the provisions of applicable law.

PHD STUDENT PERIODIC ACHIEVEMENT CARD

First name and surname:			
Year of study:		Album number:	
Academic year:			
Unit:			

Szczecin, on .....

……
signature and stamp of the Director of the Doctoral School

No.	**Subject/person responsible for the subject**	Number of hours	**Credit**			**Examination**			
			Assessment	Date	Signature	Assessment		Date	Signature and stamp
						numbers	in words		
1.									
2.									

No.	**Subject**	Number of hours	**Pass with a grade**			
			Assessment		Date	Signature
			numbers	in words		
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						

Other obligations arising from the Doctoral School's education programme

Subject	Number of hours	Date, signature and stamp of the supervisor
Doctoral seminar		

Subject	Number of hours		date, signature and stamp of the head of the unit where the internship takes place
Practical training (teaching activities)		including **CSM**	

Scientific and teaching activity	Points	Points obtained
– publications with IF that have been published in peer-reviewed journals *(printout from bibliography)*	first author – 15 points co-authorship – 10 points	
– publications with MNiSW scoring in other peer-reviewed journals that have been published *(printout from the bibliography)*	first author – 10 points co-authorship – 7 points	
– active participation (first author) in a scientific conference/congress – e.g. abroad (poster, oral presentation) *(confirmed by a certificate or conference abstract)*	7 points for each	
– active participation (first author) in a scientific congress/conference – in Poland, e.g. (poster, oral presentation) *(confirmed by a certificate or conference abstract)*	5 points for each	
– internships and work placements abroad (min. 1 month), e.g. National Agency for Academic Exchange (NAWA), Erasmus + *(confirmed by a document)*	15 points	
– submission of a formally correct application for a research grant - external funding *(confirmed by review)*	15 points	
– implementation of a research grant - management - external funding external funding *(confirmed by contract)*	30 points*	
– implementation of pre-implementation and implementation work coordinated by the PUM Technology Transfer Centre/Centre for Innovative Technologies *(confirmed by a document)*	scoring according to CTT - depending on the degree of involvement in the implementation of tasks - from 10 points to 15 points	
– attendance at scientific lectures *(confirmed by a certificate)*	2 points	
– participation in the organisation of a scientific conference *(confirmed by a certificate)*	5 points	
– activities aimed at popularising science *(confirmed by a document)*	2 points	
– completion of professional internships in the range of 31-60 hours per year *(confirmed by the supervisor and the head of the unit where the internship is carried out)*	3 points	
	Total points:	

Each completed research and teaching activity must be confirmed in the form of an attachment to the doctoral student's periodic achievement card

*) 15 points per year, calculated from the academic year in which the grant was awarded

ANNUAL REPORT ON THE PROGRESS OF WORK ON THE DOCTORAL THESIS for the academic year 20..../20....

Name and surname of the doctoral student:			
Telephone number:			
Email address:			
Date of commencement of studies:		**Year of study:**	
Supervisor:			
Unit:			
Doctoral thesis topic:			

Information on progress in preparing the doctoral thesis

(mastery of research methods closely related to the thesis, progress in gathering material, compilation of results and preliminary conclusions, progress of the doctoral thesis, planned date of commencement of the doctoral procedure, planned date of submission of the doctoral thesis - 100 to 300 words - please complete the form on a computer)

.....
doctoral student's signature

SUPERVISOR'S OPINION

academic year	Scoring (from 0 to 5 points):
Opinion on progress in preparing the doctoral thesis	
Opinion on the doctoral student's involvement in teaching	
Opinion on the doctoral student's involvement in scientific research conducted by the unit	
Assessment of scientific development progress	

Opinion of the supervisor(s) on the doctoral student's involvement (descriptive)

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.... signature and stamp of the supervisor

.... signature and stamp of the assistant supervisor

Name:	ANDRZEJ CIECHANOWICZ
Title/Degree:	professor of medical sciences
Organizational unit (department/department/clinic):	Department of Clinical and Molecular Biochemistry
Position:	professor / head of the department
Email address for business contact:	andrzej.ciechanowicz@pum.edu.pl
Represented scientific discipline:	100% medical sciences

1. **Education and scientific degrees**
   1988 – physician, Pomeranian Medical Academy in Szczecin
   1992 – doctoral degree, Pomeranian Medical Academy in Szczecin
   1999 – habilitation degree, Pomeranian Medical Academy in Szczecin
   2005 – profesor title, President of the Republic of Poland

2. **Academic employment – career history**
   1988 – trainee assistant
   1989 – assistant
   1998 – adjunct
   2005 – associate (extra-ordinary) professor
   2007 – full (ordinary) professor
   2020 – professor

3. **Specialization**
   1992 – internal diseases, I degree
   1997 – internal diseases, II degree
   2006 – hypertensiology

4. **Research area(s) and scientific interests**
   The main research area covers medical sciences with particular emphasis on molecular genetics of internal diseases, and especially selected issues in the field of molecular nephrology and molecular cardiology, as well as personalized medicine.

5. **Research projects**
   Principal Investigator:
   - N N402 420438 (2010-2012) "Molecular Diagnostics of Steroid-Resistant Glomerulonephritis with Nephrotic Proteinuria"
   - 4 P05E 030 16 (1999-2001) "Searching for Molecular Mechanisms of Differential Response to Glucocorticosteroid Treatment in Children with Nephrotic Syndrome"

   and
   Co-Investigator of >10 grants funded by the State Committee for Scientific Research/ Ministry of Science and Higher Education
   Co-Investigator in Regional Excellence Initiative (RID), Task PUM-01/19/RID/05 "Molecular Analysis of the Oral Microbiome and Nuclear Genome Polymorphisms in 12-Year-Old Children with Caries" (2019-2023).

6. **Scientific supervision in doctoral dissertations (as well as completed and in progress)**
   – Number of principal supervisor activities: 25
   – Number of co-supervisor activities: -

7. **Activity in scientific organizations, expert teams, etc.**
   Current:
   - PTBioch (Polish Biochemical Society)

   Former:

- PTNT (Polish Society of Arterial Hypertension), member of the Executive Board from 2000 to 2006
- ERA-EDTA (European Renal Association-European Dialysis Transplant Association)

8. Awards, prizes, certificates - related to scientific or teaching activities

- Medal of the Szczecin Scientific Society *Amicus Scientiae et Veritatis*, 1997
- Team Award of the Minister of Health and Social Welfare for a series of publications, 1999
- Prime Minister's Award for a distinguished habilitation thesis, 2001
- Scientific Awards of the Polish Society of Arterial Hypertension, 2002 and 2006
- Teaching Award of the Rector of the Pomeranian Medical University, 2024
- Scientific Awards of the Rector of the Pomeranian Medical University (multiple)

9. Academic commitment and competence to support scientific and teaching activities:

– 2012–2016 Rector of the Pomeranian Medical University (PUM) in Szczecin
– 2008–2012 Vice-Rector of PAM/PUM for Science
– 2005–2008 Disciplinary spokesperson for PAM for academic teachers
– 2005-2008 Member of the PAM Senate Committee for Science
– 2002-2012 Member of the PAM Bioethics Committee
– 1999-2002 Member of the PAM Senate
– 1999-2002 Vice-Dean of the Faculty of Medicine at PAM for the English-language programme
– 1996-1999 Rector's Representative at PAM for foreign students
– Participation in scientific and science popularization conferences:
West Pomeranian Science Festival
MAM PAM/MAM PUM (Youth Medical Academy PAM/PUM)
– Young researchers scientific development supporting:
  - pre-graduate teaching at PUM, including: Laboratory diagnostics (medical field), Clinical biochemistry (fields: medical analytics and biotechnology), Research methodology (field: pharmacy), Experimental work methodology (field: biotechnology)
  - supervision of a student research group
– Research, training and teaching internships:
- Molecular Biology Laboratory, Institute of Pharmacology and Department of Nephrology, University of Heidelberg (Germany), research fellowship, April 1, 1992–May 15, 1993
- Genetics Laboratory, Department of Nephrology, University of Heidelberg (Germany), ERA-EDTA (European Renal Association–European Dialysis Transplant Association) research fellowship, May 15–November 26, 1995

10. Scientific achievements

	Total number of works	**Number of works with IF**	**Number of works with MNiSW scores**	**Total IF value**	**Total MNiSW** score
Total	611	127	227	329.233	6348.500

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Pietrzak-Nowacka Maria, Gątarska Ewa, Safranow Krzysztof, Boroń Agnieszka, Ciechanowski Kazimierz, Clark Jeremy S. C., Ciechanowicz Andrzej, Kostrzewa-Nowak Dorota
TO: Association of genetically predicted activity of AMP deaminase 1 with clinical and biochemical parameters in diabetic individuals with coronary artery disease.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 16, id. art. 8071, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000

2.
AU: Gorący-Rosik Anna, Fic Mateusz, Rosik Jakub, Lewandowska Klaudyna, Safranow Krzysztof, Ciechanowicz Andrzej, Gorący Iwona
TO: The genetic polymorphisms of NPPA:rs5065 and NPPB:rs198389 and intermediate phenotypes of heart failure in Polish patients.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 10, id. art. 4567, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000

3.

AU: Gorący Iwona, Miler Karol, Lewandowska Klaudyna, Rychel Monika, Łoniewska Beata, Ciechanowicz Andrzej
TO: The rs1403543 polymorphism of AGTR2, which encodes the type-2 angiotensin II receptor, and left ventricular mass in Polish full-term newborns.
CZ: Genes
SZ: 2025 : vol. 16, nr 5, id. art. 518, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
4.
AU: Kostrzewa-Nowak Dorota, Trzeciak-Ryczek Alicja, Lewandowska Klaudyna, van de Wetering Thierry, Ciechanowicz Andrzej, Nowak Robert
TO: The use of a novel container for secured transport and storage of biological material for quantitative human RNA analysis.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 1, id. art. 228, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
5.
AU: Ciećwież Sylwester, Lewandowska Klaudyna, Szylińska Aleksandra, Boroń Agnieszka, Kotlęga Dariusz, Kociszewski Jacek, Brodowska Agnieszka, Clark Jeremy S. C., Ciechanowicz Andrzej
TO: Association analysis of ADRB3:rs4994 with urodynamic outcome, six months after a single intra-detrusor injection of botulinum toxin, in women with overactive bladder
CZ: Pharmacol. Rep.
SZ: 2024 : vol. 76, nr 6, s. 1489-1500, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000

6.
AU: Milona Marta, Ciechanowicz Andrzej, Węsierska Karolina, Gońda-Domin Magdalena, Zawiślak Alicja, Jarząbek Anna, Sobalska-Kwapis Marta, Jarczak Justyna, Gruszka Renata, Strapagiel Dominik, Janiszewska-Olszowska Joanna, Grocholewicz Katarzyna
TO: Association of three genetic loci with molar incisor hypomineralization in Polish children.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 3, id. art. 857, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.90
Pkt. MNiSW: 140.000
7.
AU: Maciocha Filip, Suchanecka Aleksandra, Chmielowiec Krzysztof, Chmielowiec Jolanta, Ciechanowicz Andrzej, Boroń Agnieszka
TO: Correlations of the CNR1 gene with personality traits in women with alcohol use disorder.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 10, id. art. 5174, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
8.
AU: Dmytrzak Andrzej, Lewandowska Klaudyna, Boroń Agnieszka, Łoniewska Beata, Grzesch Natalie, Brodkiewicz Andrzej, Clark Jeremy S. C., Ciechanowicz Andrzej, Kostrzewa-Nowak Dorota
TO: No association of polymorphisms in the genes encoding interleukin-6 and interleukin-6 receptor subunit Alpha with the risk of keloids in Polish patients.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 10, id. art. 5284, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
9.
AU: Wojciuk Bartosz, Frulenko Ignacy, Brodkiewicz Andrzej, Kita Dagmara, Baluta Monica, Jędrzejczyk Filip, Budkowska Marta, Turkiewicz Karolina, Proia Patrizia, Ciechanowicz Andrzej, Kostrzewa-Nowak Dorota, Nowak Robert
TO: The complement system as a part of immunometabolic post-exercise response in adipose and muscle tissue.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 21, id. art. 11608, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
10.
AU: Gorący Iwona, Łoniewska Beata, Lewandowska Klaudyna, Boroń Agnieszka, Grzegorczyk Małgorzata, Nowak Robert, Clark Jeremy Simon C., Ciechanowicz Andrzej
TO: Association of the rs3039851 insertion/deletion in the gene PPP3R1, which encodes the regulatory calcineurin subunit B type 1, with left ventricular mass in Polish full-term newborns.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 5, id. art. 1415, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
11.
AU: Clark Jeremy S. C., Kulig Piotr, Podsiadło Konrad, Rydzewska Kamila, Arabski Krzysztof, Białecka Monika, Safranow Krzysztof, Ciechanowicz Andrzej
TO: Empirical investigations into Kruskal-Wallis power

studies utilizing Bernstein fits, simulations and medical study datasets.
CZ: Sci. Rep.
SZ: 2023 : vol. 13, nr 1, id. art. 2352, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
12.
AU: Clark Jeremy S. C., Podsiadło Konrad, Sobalska-Kwapis Marta, Marciniak Błażej, Rydzewska Kamila, Ciechanowicz Andrzej, van de Wetering Thierry, Strapagiel Dominik
TO: rs67047829 genotypes of ERV3-1/ZNF117 are associated with lower body mass index in the Polish population.
CZ: Sci. Rep.
SZ: 2023 : vol. 13, nr 1, id. art. 17118, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
13.
AU: Nowak Robert, Trzeciak-Ryczek Alicja, Ciechanowicz Andrzej, Brodkiewicz Andrzej, Urasińska Elżbieta, Kostrzewa-Nowak Dorota
TO: The impact of different types of physical effort on the expression of selected chemokine and interleukin receptor genes in peripheral blood cells.
CZ: Cells
SZ: 2023 : vol. 12, nr 8, id. art. 1119, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.100
Pkt. MNiSW: 140.000
14.
AU: Żukowska Agnieszka, Ciechanowicz Andrzej, Kaczmarczyk Mariusz, Brykczyński Mirosław, Żukowski Maciej
TO: Toll-like receptor polymorphisms (TLR2 and TLR4) association with the risk of infectious complications in cardiac surgery patients.
CZ: Adv. Clin. Exp. Med.
SZ: 2023 : vol. 32, nr 1, s. 57-63, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 2.100
Pkt. MNiSW: 140.000
15
AU: Boroń Agnieszka, Śmiarowska Małgorzata, GrzywaczAnna, Chmielowiec Krzysztof, Chmielowiec Jolanta, asiak Jolanta, Pawłowski Tomasz, Larysz Dariusz, CiechanowiczAndrzej
TO: Association of polymorphism within the putative miRNA target site in the 3'UTR region of the DRD2 gene with neuroticism in patients with substance use disorder.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 16, id. art. 9955, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
16.
AU: Clark Jeremy S. C., van de Wetering Thierry, Marciniak Błażej, Żądzińska Elżbieta, Ciechanowicz Andrzej, Kaczmarczyk Mariusz, Boroń Agnieszka, Rydzewska Kamila, Podsiadło Konrad, Strapagiel Dominik
TO: Association studies between chromosomal regions 1q21.3, 5q21.3, 14q21.2 and 17q21.31 and numbers of children in Poland.
CZ: Sci. Rep.
SZ: 2022 : vol. 12, nr 1, id. art. 18923, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.600
Pkt. MNiSW: 140.000
17.
AU: Nowak Robert, Rój Konrad, Ciechanowicz Andrzej, Lewandowska Klaudyna, Kostrzewa-Nowak Dorota
TO: Capillary blood recovery variables in young swimmers: an observational case study.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 14, id. art. 8580, 23 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
18.
AU: Zwierko Teresa, Nowakowska Anna, Jedziniak Wojciech, Popowczak Marek, Domaradzki Jarosław, Kubaszewska Joanna, Kaczmarczyk Mariusz, Ciechanowicz Andrzej
TO: Contributing factors to sensorimotor adaptability in reactive agility performance in youth athletes.
CZ: J. Hum. Kinet.
SZ: 2022 : vol. 83, s. 39-48, tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
IF: 2.300
Pkt. MNiSW: 140.000
19.
AU: Ciećwież Sylwester Michał, Lewandowska Klaudyna, Boroń Agnieszka, Brodowski Jacek, Kociszewski Jacek, Clark Jeremy Simon, Ciechanowicz Andrzej
TO: Functional polymorphism in the ADRB3 gene, encoding the beta-3 adrenergic receptor, and response to intra-detrusor injection of botulinum toxin-a in women with overactive bladder.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 24, id. art. 7491, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900

Pkt. MNiSW: 140.000
20.
AU: Gorący Iwona, Gorący Anna, Kaczmarczyk Mariusz, Rosik Jakub, Lewandowska Klaudyna, Ciechanowicz Andrzej
TO: The genetic variants in the renin-angiotensin system and the risk of heart failure in Polish patients.
CZ: Genes
SZ: 2022 : vol. 13, nr 7, id. art. 1257, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.500
Pkt. MNiSW: 100.000

Name and surname:	JEREMY CLARK
Title/degree:	prof. dr hab. n. med.
Organizational unit (department/faculty/clinic):	Department of Clinical and Molecular Biochemistry,
Position:	
Business contact email address:	jeremy.clark@pum.edu.pl
Represented scientific discipline:	100% medical sciences

1. Education and degrees obtained

1985. UNIVERSITY OF CAMBRIDGE. BA (Hons) Natural Sciences (Biological):
1989. UNIVERSITY OF THE WEST OF ENGLAND (UWE), BRISTOL. Ph.D.
2014. POMERANIAN MEDICAL UNIVERSITY. dr hab. n. med.
2025. POMERANIAN MEDICAL UNIVERSITY. prof. dr hab. n. med.

2. Scientific employment - career path

Information on previous employment in scientific institutions:
March 2010 to date; Pomeranian Medical University in Szczecin, Department of Laboratory Diagnostics and Molecular Medicine; conducting research on gene variants and biostatistics, as well as research on the repeatability of research and the genetics of obesity; conducting didactic classes in laboratory diagnostics with third and fourth year students of the medical program in English. Conducting didactic classes in biostatistics at the Doctoral School.
2002-2009; certified coordinator and teacher, Szczecin International School, Szczecin, Poland; participation in the establishment and management of the school; obtaining consent from Cambridge International CIE Exams and International Baccalaureate Organisation IBO to conduct the international matriculation examination; conducting biology classes, preparing for the secondary school leaving examination (A-level or IB Diploma) and science classes for first-year high school students, preparing for the International General Certificate in Secondary Education (IGCSE) examination.
2001-2002; post-doctoral Research Scientist, Max Planck Institute for Molecular Plant Physiology, Golm, 14476 Potsdam, Germany; conducting research on the adaptability of Arabidopsis thaliana roots to oxygen conditions; supervision of students conducting research as part of their master's thesis.
1999-2000; post-doctoral Research Scientist, Long Ashton Research Station, Long Ashton, Bristol, Great Britain; studying barley Bkin12 gene promoter variants using the adapter-PCR method; collaboration with European partners; delivering a lecture entitled: "DNA tools for functional biodiversity" during the workshop entitled: "Functional markers for genetic biodiversity", 14-17 October 2000, Florence, Italy; teaching students of applied biology at the University of the West of England, Bristol, Great Britain.
1997-1999; Research Associate, University of the West of England, Bristol, UK; research on the molecular genetics and biochemistry of ATPases found in downy mildew haustoria; supervision of 4 PhD students and teaching of applied biology and Higher National Certificate students.
1995-1997; researcher (Research contracts), Pomeranian Medical University (currently: Pomeranian Medical University in Szczecin), Szczecin, Poland; conducting research on molecular genetics of obesity and hereditary nonpolyposis colorectal cancer.
1994-1995; teacher, teaching the following subjects: (1) immunology, to students at Brunel College of Arts and Technology; (2) A-level biology, Bristol Grammar School; (3) Science, to primary school students (11-12 year olds), Writhlington School, UK.
1993-1994; student, University of Bristol; awarded a Postgraduate Certificate in Teaching.
1992-1993; temporary employment with the Ministry of Agriculture, Food and Fisheries; Bristol, UK.
1990-1992; Higher Scientific Officer, Long Ashton Research Station, Long Ashton, Bristol, Great Britain; research on cereal eyespot diagnostics; project management, research and interpretation of laboratory and field analysis results; literature analysis and publication; participation in international conferences – Dundee, Nottingham (lecture), Reinhardsbrunn, Germany (poster presentation).
1989-1990; Editorial Assistant, Institute of Physics Publishing Ltd Bristol, UK
1985-1989; Research Assistant, University of the West of England, Bristol, UK; conducting laboratory research necessary for the completion of the PhD thesis; lecturing Higher National Certificate students and laboratory exercises for engineering

students in applied biology; publishing two papers (one of which was published immediately after the defence of the thesis) and several abstracts.

3. Research area/areas and scientific interests

Conducting research on the genetics of obesity, longevity, fertility and other phenotypes. Conducting statistical research, particularly power studies, negative binomial regression with zero growth and other regression techniques. Conducting research on the replicability of scientific research.

4. Research projects

- manager/co-executor,
- project title, financing institution, implementation period, amount, project status

5. Supervision of doctoral theses

SUPERVISION OF WORKS FINISHED BY AWARDING A DOCTORAL DEGREE

1. (dr n. med.) Thierry van de Wetering, "Assessment of the association of chromosomal regions 1q21.3, 5q21.3, 14q21.2 and 17q21.31 with the number of offspring in Poles – analysis of data from the POPULOUS database." Pomeranian Medical University, Szczecin, Poland, 2019.

2. (dr n. med.) Kamila Rydzewska, "Analysis of the relationship between the 16p11.2 genetic inversion and predisposition to obesity and overweight in the Polish population." Pomeranian Medical University, Szczecin, Poland, 19.12.2023. https://bip.pum.edu.pl/artykul/283/2356/kamila-rydzewska

3. (dr n. med.) Konrad Podsiadło, "Analysis of the association of nonsense mutations with selected phenotypes in the Polish population." Pomeranian Medical University, Szczecin, Poland, 19.12.2023. https://bip.pum.edu.pl/artykul/283/2357/konrad-podsiadlo

The last doctoral thesis on the list, authored by Konrad Podsiadło, received the grade "SUMMA CUM LAUDE". Konrad Podsiadło's thesis is the basis for further work necessary to create a publication:
Clark JSC, Podsiadło K, Sobalska-Kwapis M, Marciniak B zej, Rydzewska K, Ciechanowicz A, Wetering T, Strapagiel D. rs67047829 genotypes of ERV3-1/ZNF117 are associated with lower body mass index in the Polish population. Scientific reports. 2023 Sep, accepted 22.09.2023.

6. Activity in scientific organizations, bodies, expert teams, etc.

MEMBERSHIP IN SCIENTIFIC SOCIETIES AND FUNCTIONS PERFORMED

- member of the Polish Biochemical Society
- member of the Biochemical Society (https://www.biochemistry.org)

7. Awards, distinctions, certificates – related to scientific or teaching activities

I have received the following awards from the University:
Jubilee award in 2025
Award for scientific achievements obtained in 2022
1st degree team award for scientific achievements in 2020
Jubilee award for 20 years of work: 08-05-2020
1st degree team award for scientific achievements in 2019
Team Award, 2nd and 3rd Degree - October 14, 2018
Team Award, 2nd and 3rd Degree - October 14, 2017

8. Academic commitment and competences supporting scientific and teaching activities:

Interdisciplinary cooperation.
Genetic association studies are now heavily dependent on interdisciplinary research. Data collection and further processing require in-depth knowledge of bioinformatics software and statistical evaluation. Subsequent analyses now require knowledge of sophisticated data mining techniques and real regression analyses.
One of my research interests has been in understanding how to apply zero-inflation models to regressions related to the Poisson distribution - which has been used to overcome the problem of insufficient data (6,000 subjects instead of 20,000) in studying the association between an inversion SNP on chromosome 17 and the number of children. My series of publications have shown that there is still much work to be done, both in promoting good statistical techniques and in improving existing techniques.
For example, one of my recently accepted articles in Statistical Reports on the association of high-frequency single-nucleotide polymorphisms with obesity notes that the linear model has become a widely used model for biallelic genotype models in the widely used WGassociation R [SNPassoc] function - but one might ask whether the assumptions of the linear model can be sufficiently tested - which can lead to incorrect results in many studies - and yet the linear model is used in thousands of genetics publications per year (in our article I used logistic regression for biallelic genotype models).

Linear models are mainly used because they can also assess fitness and interactions - but logistic regression is more appropriate for bivalent genotype models, and for trivalent genotype models there are approximate Kruskal-Wallis test techniques such as R[coin] independence_test that may be possible to use to test association hypotheses (although interactions have not yet been implemented).
In addition to mainstream research related to data mining and statistical associations, I also collaborated with the PUM Technology Transfer Center to apply the acquired statistical knowledge in practice in many different fields of medicine. My knowledge of the R statistical platform - with which I have 15 years of experience - helped me in a significant number of projects. As part of these analyses, I wrote coding that allowed semi-automatic, fast processing of the following tests: chi-square, Fisher's and other exact tests of independence or goodness of fit; the Cochran-Mantel-Haenszel test; descriptive statistics: central tendency, dispersion, standard error, confidence intervals, normality, homoscedasticity, data transformations, multiple comparisons; one- to three-way or nested analyses of variance; the Kruskal-Wallis test; the Wilcoxon test; t-tests; simple and stepwise multiple linear regression; Pearson and Kendall correlations; analysis of covariance; simple stepwise logistic regression; Pearson and Kendall logistic regression; principal components or factor analyses of mixed data; standardized rank analysis for repeated measures; survival studies.
Working in an academic center, relationships and cooperation with students are extremely important to me. I value the situation in which young people take their first steps in the field of scientific research, so I was very pleased to be able to support my doctoral students in searching for topics and in the analysis and most important aspects of interpreting the scientific results of medical research.
Statistical tools.
In today's statistical analysis, it is very important to use the best tools. The best platform available today is the R statistical platform, which has no equal in terms of user base. This means that the time to implement advanced techniques will certainly be faster than using other platforms, because more people are asking questions and providing answers on the forums. It is also a much larger program, with hundreds of libraries available with hundreds of thousands of functions - it is at least 10 times larger than SAS, easier to use, and more flexible. (I am also fully trained in SAS, but I do not use that platform on a regular basis, having used several other platforms, including Statistica and Excel.)

Other aspects of contribution to society and scientific systems.

Research contracts in Europe:

1. I am one of the initiators of the agreement between the University of Lodz and the Pomeranian Medical University: Research Materials Transfer Agreement No. PUM_UL_001
This was successfully signed in 2017 (and again in 2018) and concerned the transfer of genetic and phenotypic data from the POPULOUS database.
2. I am the main initiator of two agreements between the Institute of Genomics, University of Tartu (address: Riia 23B, Tartu 51010, Estonia) and the Pomeranian Medical University. The first of these agreements was successfully signed in December 2019 and is entitled:
L11 "Investigation of the association of the chromosome 17q21.31 H1/H2 inversion with specific phenotypes, morbidity and mortality."
(The second contract for this data has been suspended due to changes in the GDPR).
Data transfer.
1. I am the initiator of the data transfer (see the above agreement) from Biobank Łódź - DNA Biobank of the University of Łódź to the Pomeranian Medical University in 2017 and 2018. This data includes genetic and phenotypic data from the POPULOUS database available on the basis of data collected from unrelated, anonymous Polish volunteers (N = 5,760) who declared themselves healthy. The genetic data includes single nucleotide variant (SNP) values from approximately 500,000 SNPs derived from Illumina exome chips, and the phenotypic data includes full questionnaires for each study participant.
2. I am the main initiator of the agreement signed in 2019 (see agreement above) regarding the transfer of data from 6,000 healthy individuals and 6,000 sick individuals from the city of Tartu in Estonia (we are waiting for a new agreement to be signed after taking into account the GDPR). This concerns significant amounts of genetic data, as well as information on diseases, in particular Alzheimer's disease, Parkinson's disease and asthma, including information on the phenotype: year of birth; gender; presence of Parkinson's disease; age at first diagnosis of Parkinson's disease; presence of Alzheimer's disease; age at first diagnosis of Alzheimer's disease; presence of asthma; age at first diagnosis of asthma; age at the time of conclusion of the agreement; region of birth; urban or rural; smoking status; nationality; zodiac sign; height; body mass index; eye color; number of children; number of sons; number of daughters; year of birth of mother; age of mother at death; year of birth of father; age of father at death; year of birth of mother; age of mother at death; year of birth of father's mother; age of father's mother at time of death; year of birth of mother's mother; age of mother's mother at time of death; year of birth of mother's father; age of mother's father at time of death.
3. I was responsible for the data access and user agreement (NSRR R24 HL114473: NHLBI) signed with the National Sleep Research Resource to provide phenotypic data on sleep with diabetes and high-density lipoprotein cholesterol in relation to marital status. I also negotiated with Professor Leszek Domański (Pomeranian Medical University) access to data on systolic blood pressure and dialysis centers.

I attended the following courses:

The Office of Research on Non-Program Activities of the National Institutes of Health (NIH) certifies that Jeremy Clark has successfully completed the NIH online training course, "Protecting Human Research Participants."
Date of completion: 03/15/2017.
Certificate number: 2350306.

I recently obtained three certifications in the SAS programming language:

SAS Programming 3: Advanced Techniques
SAS Issued Mar 2023
SAS Programming 2: Data Manipulation Techniques
SAS Issued Nov 2022
SAS SQL 1: Essentials
SAS Issued Oct 2022

I have previously attended the following courses:

"Basic automated DNA sequencing course" by PE Applied Biosystems, Perkin Elmer, June 28 - 29, 1999, UK.
"GCG Software", Long Ashton Research Station, Long Ashton, UK, 2000
"Phylogeny", Phylip, Rothamsted, Great Britain, 2000.
From 1993 to 1994 I studied at the University of Bristol, Bristol, UK, and obtained a Postgraduate Diploma in Teaching from the University of Bristol in 1994, in Science and Biology at A Level (DFE Reference Number RP93/37496)."

Description of teaching, organizational and popularization achievements in science or art.
While at the University of the West of England in the UK I supervised 4 PhD students and taught Applied Biology and Higher National Certificate courses (please see previous employment above).
Since 2010 to the present, I have been teaching laboratory diagnostics for 3rd and 4th year medical students in the English language program at the Pomeranian Medical University in Szczecin. I have also given introductory lectures for second year students. I have also taught a one-year course in biostatistics for students of Analytical Medicine and students of Biotechnology. Since 2020, I have been teaching biostatistics for all PhD students at the university.
Previously I have given numerous lectures at international conferences and workshops, as well as lectures encouraging students to conduct research.

Work as a statistical editor.

I am a registered editor at Editsprings. I am the statistical editor of the following publications:
1. Problems of Applied Sciences, Volume 2, 2014, ISSN: 2300-6110, (eds Andrzej Antoni Czajkowski et al.), University of Technology and Economics in Szczecin, pp. 246.
2. Problems of Applied Sciences, Volume 3, 2015, ISSN: 2300-6110, (eds Andrzej Antoni Czajkowski et al.), University of Technology and Economics in Szczecin, pp. 246.
3. Problems of Applied Sciences, Volume 4, 2016, ISSN: 2300-6110, (eds Andrzej Antoni Czajkowski et al.), University of Technology and Economics in Szczecin, pp. 246.
4. Problems of Applied Sciences, Volume 5, 2017, ISSN: 2300-6110, (eds Andrzej Antoni Czajkowski et al.), Higher School of Technology and Economics in Szczecin, pp. 246.
list B of journals scored under position 1346 (http://www.pns.edu.pl) The applicable Ministry scoring system: Segment B, list date 23-12-2015, Result 4 points, see https://pbn.nauka.gov.pl/sedno-webapp/.

Interdisciplinary cooperation.
I continue my research and teaching collaboration with colleagues in bioinformatics (e.g. Dominik Strapagiel, University of Lodz), genetics (Reedik Magi, Institute of Genomics, University of Tartu, Estonia), statistics (e.g. Prof. Torsten Hothorn, University of Zurich, Switzerland) and supercomputers (Mirosław Kupczyk, Poznań Supercomputing and Networking Center, Poland) (more details can be found elsewhere in the Self-Report).
Educational activities also include conducting classes and cooperation with doctoral students from other fields, as well as conducting classes in Diagnostics for medical students.

Please note that I have arranged the following agreements for statistical analyses under the auspices of the Technology Transfer Center of the Pomeranian Medical University - these agreements involved the transfer of small amounts of money to the University:
A. 2022 Katarzyna Amernik, MD - Hearing Implantation. Surgical Data Correlating Scan Dimensions with Access to the Tympanic Membrane. I calculated Kendall's Rank Correlations and Ordered Logistic Regression.
B. 2020 MD Joanna Tousty - hospitalization time after infections in adults and children. I calculated principal component analysis (PCA) and factor analysis of mixed data (FAMD), as well as Pearson and Kendall correlations.
C. 2020 Dentist Natalia Smuga - Ear Surgery
2021 Dr. n. med. Katarzyna Amernik - Ear surgery

2022 Dr. n. med. Izabela Kelar - rehabilitation after ear surgery
Ear surgery. I calculated principal component analyses (PCA) and factor analyses of mixed data (FAMD) and Pearson and Kendall correlations.
D. 2020 Kasia Pawlak. Varicose vein surgery. I calculated multivariate stepwise logistic regression.
E. 2020. Hanna Juchniewicz - Health preventive examinations. I calculated Kruskal-Wallis tests, adjusted rank transformation, Fisher tests, Pearson correlation and Kendall's tau.
F. 2020. Edyta Górka - Hemodialysis. Ozone or CO2 therapy and ankle-brachial blood pressure index. I calculated the fitted rank transformation for repeated measures and marginal homogeneity tests.
G. 2019. Lek Jowita Biernawska. Acute renal failure. I performed conditional logistic regression and Spearman correlation.
H. 2019 dr n. med. Mateusz Wojtarowicz, PUM. Urological cardiopathology: Enzyme levels in urine of patients with heart pathology. I performed adjusted rank transformation for repeated measures and marginal homogeneity tests.
I. 2018 dr n. med. Krzysztof Sindrewicz, PUM. HPV infection, immunosuppressive drugs and anticancer therapy. I performed Kruskal-Wallis, Fisher and ANOVA tests and post hoc tests.
J. 2018. lek. Beata Izabela Bania, PUM. Cardiovascular diseases and deaths due to heart attack. I calculated the adjusted rank transformation for repeated measures and tests of marginal homogeneity.
K. 2018 Aleksandra Taszarek. Supervisor: Prof. Tomasz Miazgowski, PUM. Hypertension: Visceral adipose tissue, cardiovascular risk factors and nocturnal blood pressure in young adults with hypertension. I calculated Pearson and Kendall correlations and Bland-Altman analysis.
L. 2018 Prof. Niedźwiedzka, University of Szczecin. Rabbit viruses. I calculated ANOVA or Kruskal-Wallis test with Tukey's HSD and post hoc Dunn tests and fitted rank transformation.
M. 2018 Dorota Torbe. Supervisor: Prof. Lubkowska, PUM. Orthopedic exercises and surgeries. I calculated: ANOVA or Kruskal-Wallis test with Tukey's HSD and Dunn's post hoc tests and Cochran-Mantel-Haenszel tests.

10. Scientific achievements

	Total number of works	**Number of works with IF**	**Number of works with MNiSW scores**	**Total IF value**	**Total MNiSW** score
Total	63	40	48	120.650	2602

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Pietrzak-Nowacka Maria, Gątarska Ewa, Safranow Krzysztof, Boroń Agnieszka, Ciechanowski Kazimierz, Clark Jeremy S. C., Ciechanowicz Andrzej, Kostrzewa-Nowak Dorota
TO: Association of genetically predicted activity of AMP deaminase 1 with clinical and biochemical parameters in diabetic individuals with coronary artery disease.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 16, id. art. 8071, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
2.
AU: Nowak Robert, Turkiewicz Karolina, Sławiński Michał, Clark Jeremy S. C., Szylińska Aleksandra, Proia Patrizia, Jodko Łukasz, Wojciuk Bartosz, Sulżyc-Bielicka Violetta, Kostrzewa-Nowak Dorota
TO: The impact of endurance exercise on routine laboratory parameters in young trained individuals.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 16, id. art. 5703, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
3.
AU: Ciećwież Sylwester, Lewandowska Klaudyna, Szylińska Aleksandra, Boroń Agnieszka, Kotlęga Dariusz, Kociszewski Jacek, Brodowska Agnieszka, Clark Jeremy S. C., Ciechanowicz Andrzej
TO: Association analysis of ADRB3:rs4994 with urodynamic outcome, six months after a single intra-detrusor injection of botulinum toxin, in women with overactive bladder
CZ: Pharmacol. Rep.
SZ: 2024 : vol. 76, nr 6, s. 1489-1500, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
4.
AU: Dmytrzak Andrzej, Lewandowska Klaudyna, Boroń Agnieszka, Łoniewska Beata, Grzesch Natalie, Brodkiewicz Andrzej, Clark Jeremy S. C., Ciechanowicz Andrzej, Kostrzewa-Nowak Dorota
TO: No association of polymorphisms in the genes encoding interleukin-6 and interleukin-6 receptor subunit Alpha with the risk of keloids in Polish patients.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 10, id. art. 5284, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication

JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
5.
AU: Gorący Iwona, Łoniewska Beata, Lewandowska Klaudyna, Boroń Agnieszka, Grzegorczyk Małgorzata, Nowak Robert, Clark Jeremy Simon C., Ciechanowicz Andrzej
TO: Association of the rs3039851 insertion/deletion in the gene PPP3R1, which encodes the regulatory calcineurin subunit B type 1, with left ventricular mass in Polish full-term newborns.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 5, id. art. 1415, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
6.
AU: Clark Jeremy S. C., Kulig Piotr, Podsiadło Konrad, Rydzewska Kamila, Arabski Krzysztof, Białecka Monika, Safranow Krzysztof, Ciechanowicz Andrzej
TO: Empirical investigations into Kruskal-Wallis power studies utilizing Bernstein fits, simulations and medical study datasets.
CZ: Sci. Rep.
SZ: 2023 : vol. 13, nr 1, id. art. 2352, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
7.
AU: Clark Jeremy S. C., Podsiadło Konrad, Sobalska-Kwapis Marta, Marciniak Błażej, Rydzewska Kamila, Ciechanowicz Andrzej, van de Wetering Thierry, Strapagiel Dominik
TO: rs67047829 genotypes of ERV3-1/ZNF117 are associated with lower body mass index in the Polish population.
CZ: Sci. Rep.
SZ: 2023 : vol. 13, nr 1, id. art. 17118, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
8.
AU: Clark Jeremy S. C., van de Wetering Thierry, Marciniak Błażej, Żądzińska Elżbieta, Ciechanowicz Andrzej, Kaczmarczyk Mariusz, Boroń Agnieszka, Rydzewska Kamila, Podsiadło Konrad, Strapagiel Dominik
TO: Association studies between chromosomal regions 1q21.3, 5q21.3, 14q21.2 and 17q21.31 and numbers of children in Poland.
CZ: Sci. Rep.
SZ: 2022 : vol. 12, nr 1, id. art. 18923, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.600
Pkt. MNiSW: 140.000
9.
AU: Ciećwież Sylwester Michał, Lewandowska Klaudyna, Boroń Agnieszka, Brodowski Jacek, Kociszewski Jacek, Clark Jeremy Simon, Ciechanowicz Andrzej
TO: Functional polymorphism in the ADRB3 gene, encoding the beta-3 adrenergic receptor, and response to intra-detrusor injection of botulinum toxin-a in women with overactive bladder.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 24, id. art. 7491, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000

Name:	**ELŻBIETA CECERSKA-HERYĆ**
Title/Degree:	Ph.D. in Medical Sciences (June 19, 2018) / Field: Medicine / Discipline: Medical Biology / Medical Biotechnology (June 17, 2013)
Organizational unit (department/department/clinic):	Department of Laboratory Medicine, Pomeranian Medical University in Szczecin
Position:	Assistant Professor; research and teaching
Email address for business contact:	elzbieta.cecerska.heryc@pum.edu.pl
Represented scientific discipline:	100% medical sciences

1. **Education and scientific degrees**
   - Bachelor's studies 2008–2011 – Biotechnology, major: Medical Biotechnology – Pomeranian Medical University in Szczecin
   - Master's studies 2011–2013 – Biotechnology, major: Medical Biotechnology – Pomeranian Medical University in Szczecin
   - Ph.D. in Medical Sciences with honors *Summa Cum Laude* (June 19, 2018) / Field: Medicine / Discipline: Medical Biology / Medical Biotechnology – Pomeranian Medical University in Szczecin

   Research Internships in Poland and Abroad
   - Research internship at the Fraunhofer Institute for Cell Therapy and Immunology IZI (Aug 24 – Oct 1, 2023)
   - Research internship at the Department of Genetics and Pathomorphology, PUM (July 2010)

2. **Academic employment – career history**

   - Since Feb 1, 2021 – Assistant Professor, Department of Laboratory Medicine, Department of Microbiology, Immunology and Laboratory Medicine, Pomeranian Medical University in Szczecin (PUM)
   - Since Oct 1, 2018 – Assistant, Department of Laboratory Medicine, Department of Microbiology, Immunology and Laboratory Medicine, PUM
   - Since May 2023 – Volunteer at the Department of Chemistry and Bioprocess Engineering, West Pomeranian University of Technology in Szczecin (ZUT)

3. **Research area(s) and scientific interests**

   Elżbieta Cecerska-Heryć specializes in research in medical biology, laboratory medicine, and clinical biochemistry. Her scientific activity focuses on analyzing oxidative, immunological, and regenerative processes from a molecular and translational perspective, with applications in diagnostics, therapy, and personalized medicine.

   Main research areas include:
   - **Oxidative stress mechanisms and antioxidant system** – analysis of antioxidant enzymes (SOD, CAT, GPx, XOR) and oxidative stress markers (MDA, 8-OHdG) in chronic kidney disease, neurodegenerative diseases, schizophrenia, metabolic disorders, diabetes, and COVID-19.
   - **Function and regenerative potential of platelets** – evaluation of the concentration and activity of growth factors (PDGF, EGF, VEGF, NGF, TGF-β1) in platelet-rich plasma (PRP), particularly in patients with kidney disease, diabetic foot, diabetes, schizophrenia, and under external modulators like rotating magnetic field.
   - **Application of magnetic field in biomedicine** – studies on the effects of rotating magnetic field (RMF) on biological processes, including bacteriophage production and activity, phage therapy efficacy, and phages' ability to destroy bacterial-fungal biofilms (Staphylococcus aureus/Candida albicans).
   - **Immunological and inflammatory responses in diseases** – analysis of humoral response (cytokines, antibodies) in populations exposed to SARS-CoV-2 infection, transplant patients, and individuals with mental disorders. Includes research on endocannabinoids and lipid metabolites in kidney transplant function.
   - **Translational and multidisciplinary research** – integration of molecular biology, biochemistry, microbiology, bioengineering, and clinical medicine methods, using advanced laboratory techniques (ELISA, spectrophotometry, RT-qPCR, Western blot), animal models (Galleria mellonella), and both in vitro and in vivo approaches.

4. **Research projects**

Principal Investigator:

- **MINIATURA** DEC-2021/05/X/NZ3/00046
  Title: "Analysis of the impact of rotating magnetic field on the regenerative potential of platelets" (2021–2022) – Completed
  Budget: PLN 50,000
  Publications:
  - doi.org/10.1038/s41598-024-59391-y
  - doi.org/10.3390/ijms25073644

Co-investigator:

- **LIDER** – NCBR Project No. LIDER/12/0069/L-12/20/NCBR/2021
  Budget: PLN 2,000,000 – Ongoing
  Publications:
  - doi:10.1111/apm.13362
  - doi.org/10.3390/microorganisms11092352
- **OPUS** – "Optimization and biological evaluation of the impact of electromagnetic field on bacteriophage production and activity" – NCN 2018/31/B/ST8/03170
  Duration: 01.08.2019 – 31.12.2022 (41 months) – Completed
  Budget: PLN 1,742,180
- **PRELUDIUM** – "Does long-term use of a low-phenylalanine diet affect kidney function in patients with phenylketonuria?"
  Project No.: 2021/41/N/NZ5/03170
  Duration: Jan 4, 2022 – Jan 3, 2025
  Budget: PLN 132,320
- **MINIATURA** – "Mental state and risk of conversion to psychosis in high-risk individuals" – NCN 2019/03/X/NZ5/00719
  Duration: Nov 22, 2019 – Nov 21, 2020 – Completed
  Budget: PLN 50,000
  Publications:
  - doi:10.1016/j.schres.2024.05.018
  - doi.org/10.1016/j.pnpbp.2022.110510
  - doi.org/10.3390/jcm11216352
- **PRELUDIUM 19** – Project No. 2020/37/N/NZ9/02947
  Title: "Analysis of bacteriophage activity in dual-species Candida albicans/Staphylococcus aureus biofilm under ciprofloxacin and fluconazole pressure"
  Duration: Jan 2021 – Jan 2025 – Ongoing
  Budget: ~PLN 210,000
  Publications:
  - doi.org/10.3389/fmicb.2023.1320345
  - doi.org/10.1089/mdr.2021.0324
- **PRELUDIUM** – "Evaluation of rotating magnetic field effects on bacteriophage lytic activity" – NCN 2018/29/N/ST8/01043
  Duration: 2019 – Jan 2022 – Completed
  Publication: doi.org/10.3390/cimb44030088
- **ABM** – "Evaluation of humoral response in populations exposed to SARS-CoV-2: clinical, epidemiological, and healthcare system implications" – Project No. 2020/ABM/COVID19/0059
  Duration: 2020–2023 – Completed
  Budget: PLN 1,971,500
  Publications:
  - doi:10.1155/2024/3838845
  - doi.org/10.3390/diagnostics12010108
- **PRELUDIUM** – "The relationship between endocannabinoids, epoxygenase derivatives of arachidonic acid, and adipose tissue metabolites and long-term function of transplanted kidneys" – NCN UMO-2013/09/N/NZ4/02312
  Duration: Mar 4, 2014 – Mar 3, 2018 – Completed
  Budget: PLN 140,300
  Publications:
  - doi.org/10.1016/j.prostaglandins.2022.106618
  - doi.org/10.1016/j.ejim.2020.11.012
- **STRATEGMED** – "Innovative diagnostic, prevention and supportive therapy strategy for selected neurodegenerative diseases in the Polish population" – NCN STRATEGMED1/234261/2/NCBR/2014
  Publication: doi:10.3390/antiox9100954
- **Principal Investigator – "Young Researcher" (2015–2019)**
  Title: "Activity of xanthine oxidoreductase and its isoforms in platelet-poor plasma and platelets of patients with chronic

kidney disease compared to healthy subjects"
Budget: PLN 72,000 – Completed
Publication: doi:10.1186/s12882-021-02649-8

5. Scientific supervision in doctoral dissertations

- Number of co-supervisor activities – 2

6. Awards, prizes, certificates - related to scientific or teaching activities

- **Special Award** from the Korea Invention Promotion Association,
  Silver Award from the National Research Council of Thailand, and a **Special Award** at the IPITEX International Exhibition (Bangkok International Intellectual Property, Invention, Innovation, and Technology Exposition), February 2–6, 2023, for the invention:
  Phagecream – a phage-based cream preparation combating Staphylococcus aureus-induced skin infections
- **Distinction** at the International Conference of the Polish Biochemical Society "BIO", September 13–16, 2023, for the presentation:
  "Evaluation of lipid peroxidation products in patients with schizophrenia"
- **Grand Prix** at the 11th National Scientific Session of the Student Research Society of PUMin Szczecin (2010) for the paper:
  "Effect of oxidative stress on the concentration of selected erythrocyte membrane proteins"
- **3rd place** at the 17th National Scientific Session of the Student Research Society of PUM in Szczecin (2011) for the paper:
  "Impact of renal replacement therapy type on xanthine oxidoreductase activity in platelets of chronic kidney disease patients"
  and the presentation:
  "Therapy and obesity modulate antioxidant enzyme activity in patients with type II diabetes – preliminary report"
- **3rd place** at the 1st National Scientific Conference of Laboratory Medicine Students in Szczecin (2016) for the paper:
  "Xanthine oxidoreductase activity in CKD patients depending on the type of renal replacement therapy"
- **Distinction** at the 5th Baltic Symposium of Young Scientists in Szczecin (2016) for the paper:
  "Effect of renal replacement therapy type on xanthine oxidoreductase activity in platelets of patients with chronic kidney disease"
- **Rector's Award of PUM for outstanding scientific achievements** – awarded in 2019–2023
- **Rector's Award of PUM for teaching achievements** – awarded in 2021 and 2023
- **Rector's Scholarship of PUM for the top 10% of PhD students** – awarded in 2013–2018
- **Doctoral scholarship and quality bonus for the top 30% of PhD students** – awarded in 2013–2018

7. Academic commitment and competence to support scientific and teaching activities:

- Since **2021** – Scientific supervisor of the **Student Scientific Society** (SKN) at PUM.
  Under her supervision, students presented **20 scientific papers** at national and international conferences, winning **6 awards**, including:
- **1st place** in the Basic Science Session for the paper:
  "Activity of selected oxidative enzymes in platelets of COVID-19 patients during one-month follow-up" –
  Szczecin International Medical Students Conference, 51st National & 6th International Student Conference, Szczecin, April 22–24, 2022
- **2nd place** for the paper:
  "The importance of platelet growth factors FGF-19, FGF-22 and FGF-2 in patients with type 1 and 2 diabetes" –
  54th National Conference of the Student Scientific Society of PUM, Szczecin, April 11–13, 2025
- **2nd place** in the Basic Science Session for the paper:
  "Analysis of the impact of rotating magnetic field on the regenerative potential of platelets" –
  Szczecin International Medical Students Conference, 51st National & 6th International Student Conference, Szczecin, April 22–24, 2022
- **2nd place** for the same paper –
  National Scientific Conference of Students of Laboratory Medicine and Biotechnology "Diagnostic and Biotechnological Sciences," Sosnowiec, May 13, 2022
- **3rd place** for the paper:
  "5 oxidative stress markers in patients with schizophrenia" –
  "Biomarkers of Civilizational Diseases." 1st International Conference of Young Scientists, April 21, 2023
- **3rd place** for the paper:
  "The role of selected growth factors as markers of the course of schizophrenia" –
  54th National Conference of the Student Scientific Society of PUM, Szczecin, April 11–13, 2025

Expert and Reviewing Activity

- Reviewer for numerous international scientific journals, including:
  Stem Cells Translational Medicine, BMC Nephrology, APMIS, Translational Andrology and Urology, Molecular Biology

Reports, European Journal of Internal Medicine, BMJ Case Reports, Journal of Proteomics, Metabolic Brain Disease, Cancer Biology & Therapy, Pharmacological Reports

- Since **2023** – Permanent reviewer for **Acta Biochimica Polonica**
- In **May 2023** – invited by the **European Commission** to serve as reviewer for a **SYNERGY GRANT** in the panel on **stem cells**

Institutional and Organizational Roles

- Since **2022** – Member of the **Quality of Education Committee** at Pomeranian Medical University in Szczecin (PUM)
- Since **2023** – **Coordinator for Employer and Graduate Opinions** within the Faculty of Health Sciences and Medical Laboratory Science
- Since **2023** – Member of the **Scientific Council of Medical Disciplines** at PUM

8. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	158	47	59	173.375	4820

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Lechowicz Kacper, Szylińska Aleksandra, Cecerska-Heryć Elżbieta, Ostrycharz-Jasek Ewa, Zagrodnik Edyta, Pacholewicz Jerzy, Dołęgowska Barbara, Kotfis Katarzyna
TO: Association of plasma BDNF concentration and Val66Met polymorphism with postoperative delirium after cardiac surgery under general anesthesia with cardiopulmonary bypass.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 21, id. art. 7690, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
2.
AU: Cecerska-Heryć Elżbieta, Serwin Natalia, Pius-Sadowska Ewa, Głowacka Klaudia, Polikowska Aleksandra, Goszka Małgorzata, Birger Radosław, Budkowska Marta, Machaliński Bogusław, Dołęgowska Barbara
TO: Investigation of antioxidant enzymes (GST, GSH, R-GSSG) in erythrocytes of COVID-19 patients: a one-month observation.
CZ: J. Inflamm. Res.
SZ: 2025 : vol. 2025, nr 18, s. 12783-12800, il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 4.100
Pkt. MNiSW: 140.000
3.
AU: Cecerska-Heryć Elżbieta, Engwert Weronika, Michałów Jaśmina, Marciniak Julia, Birger Radosław, Serwin Natalia, Heryć Rafał, Polikowska Aleksandra, Goszka Małgorzata, Wojciuk Bartosz, Wiśniewska Magda, Dołęgowska Barbara
TO: Oxidative stress markers and inflammation in type 1 and 2 diabetes are affected by BMI, treatment type, and complications
CZ: Sci. Rep.
SZ: 2025 : vol. 15, nr 1, id. art. 23605, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
4.
AU: Cecerska-Heryć Elżbieta, Zoń Martyn, Budkowska Marta, Serwin Natalia, Michalczyk Anna, Goszka Małgorzata, Polikowska Aleksandra, Wojciuk Bartosz, Dołęgowska Barbara
TO: Redox on the clock: sex-dependent dynamics of xanthine oxidoreductase isoforms and melatonin.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 23, id. art. 11272, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
5.
AU: Heryć Rafał, Cecerska-Heryć Elżbieta, Serwin Natalia, Stodolak Patrycja, Goszka Małgorzata, Polikowska Aleksandra, Ciechanowski Kazimierz, Wiśniewska Magda
TO: Renalase, dopamine, and norepinephrine as markers for the development of hypertension in CKD patients.
CZ: BMC Nephrol.
SZ: 2025 : vol. 26, nr 1, id. art. 200, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.400
Pkt. MNiSW: 100.000
6.
AU: Cecerska-Heryć Elżbieta, Jerzyk Adrianna, Goszka Małgorzata, Polikowska Aleksandra, Rachwalska Julita,

Serwin Natalia, Wojciuk Bartosz, Dołęgowska Barbara
TO: TGF-β signaling in cancer: mechanisms of progression and therapeutic targets.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 15, id. art. 7326, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
7.
AU: Budkowska Marta, Ostrycharz-Jasek Ewa, Cecerska-Heryć Elżbieta, Dołęgowska Katarzyna, Siennicka Aldona, Nazarewski Łukasz, Rykowski Paweł, Dołęgowska Barbara
TO: The impact of human liver transplantation on the concentration of fibroblast growth factors: FGF19 and FGF21.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 3, id. art. 1299, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
8.
AU: Cecerska-Heryć Elżbieta, Michałów Jaśmina, Engwert Weronika, Marciniak Julia, Birger Radosław, Serwin Natalia, Heryć Rafał, Polikowska Aleksandra, Goszka Małgorzata, Wiśniewska Magda, Dołęgowska Barbara
TO: The promising role of selected fibroblast growth factors as potential markers of complications in type 1 and type 2 diabetes.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 17, id. art. 8754, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
9.
AU: Cecerska-Heryć Elżbieta, Wiśniewska Zofia, Serwin Natalia, Polikowska Aleksandra, Goszka Małgorzata, Engwert Weronika, Michałów Jaśmina, Pękała Maja, Budkowska Marta, Michalczyk Anna, Dołęgowska Barbara
TO: Can compounds of natural origin be important in chemoprevention? Anticancer properties of quercetin, resveratrol, and curcumin - a comprehensive review.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 8, id. art. 4505, 36 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
10.
AU: Michalczyk Anna, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Rek-Owodziń Katarzyna, Plichta Piotr, Bielecki Maksymilian, Andrusewicz Wojciech, Cecerska-Heryć Elżbieta, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy
TO: Greater methylation of the IL-6 promoter region is associated with decreased integrity of the corpus callosum in schizophrenia.
CZ: J. Psychiatr. Res.
SZ: 2024 : vol. 175, s. 108-117, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200
Pkt. MNiSW: 140.000
11.
AU: Cecerska-Heryć Elżbieta, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Serwin Natalia, Stodolak Patrycja, Słodzińska Weronika, Birger Radosław, Goszka Małgorzata, Polikowska Aleksandra, Budkowska Marta, Rakoczy Rafał, Dołęgowska Barbara
TO: The effect of a rotating magnetic field on the antioxidant system in healthy volunteers - preliminary study.
CZ: Sci. Rep.
SZ: 2024 : vol. 14, nr 1, id. art. 8677, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
12.
AU: Cecerska-Heryć Elżbieta, Goszka Małgorzata, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Serwin Natalia, Stodolak Patrycja, Słodzińska Weronika, Birger Radosław, Polikowska Aleksandra, Budkowska Marta, Rakoczy Rafał, Dołęgowska Barbara
TO: The effect of a rotating magnetic field on the regenerative potential of platelets.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 7, id. art. 3644, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
13.
AU: Cecerska-Heryć Elżbieta, Polikowska Aleksandra, Serwin Natalia, Michalczyk Anna, Stodolak Patrycja, Goszka Małgorzata, Zoń Martyn, Budkowska Marta, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy, Dołęgowska Barbara
TO: The importance of oxidative biomarkers in diagnosis, treatment, and monitoring schizophrenia patients.
CZ: Schizophr. Res.
SZ: 2024 : vol. 270, s. 44-56, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.500
Pkt. MNiSW: 140.000
14.
AU: Cecerska-Heryć Ela, Nieszpór Dominika, Serwin Natalia, Pius-Sadowska Ewa, Gliźniewicz Marta, Grygorcewicz

Bartłomiej, Serwin Karol, Michalczyk Anna, Budkowska Marta, Goszka Małgorzata, Polikowska Aleksandra, Birger Radosław, Machaliński Bogusław, Dołęgowska Barbara
TO: The importance of platelet-derived growth factors as markers of survival and severity of COVID-19 in patients undergoing monthly follow-up.
CZ: Mediators Inflamm.
SZ: 2024 : vol. 2024, id. art. 3838845, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.200
Pkt. MNiSW: 100.000
15.
AU: Gliźniewicz Marta, Miłek Dominika, Olszewska Patrycja, Czajkowski Artur, Serwin Natalia, Cecerska-Heryć Elżbieta, Dołęgowska Barbara, Grygorcewicz Bartłomiej
TO: Advances in bacteriophage-mediated strategies for combating polymicrobial biofilms.
CZ: Front. Microbiol.
SZ: 2023 : vol. 14, id. art. 1320345, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.000
Pkt. MNiSW: 140.000
16.
AU: Budkowska Marta, Ostrycharz Ewa, Serwin Natalia Maria, Nazarewicz Łukasz, Cecerska-Heryć Elżbieta, Poręcka Marta, Rykowski Paweł, Pietrzak Radosław, Zieniewicz Krzysztof, Siennicka Aldona, Hukowska-Szematowicz Beata, Dołęgowska Barbara
TO: Biomarkers of the complement system activation (C3a, C5a, sC5b-9) in serum of patients before and after liver transplantation.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 7, id. art. 2070, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
17.
AU: Cecerska-Heryć Elżbieta, Serwin Natalia, Grygorcewicz Bartłomiej, Adamiak Daria, Gliźniewicz Marta, Butko Agnieszka, Dołęgowska Barbara
TO: Dynamics of changes in the concentrations of anandamide and 2-arachidonoylglycerol and their impact on the carbohydrate-lipid metabolism in patients after kidney transplantation in the follow-up study.
CZ: Pomeranian J. Life Sci.
SZ: 2023 : t. 69, nr 1, s. 18-22, il. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
18.
AU: Cecerska-Heryć Elżbieta, Ronkowski Bartosz, Heryć Rafał, Serwin Natalia, Grygorcewicz Bartłomiej, Roszak Marta, Galant Katarzyna, Dołęgowska Barbara
TO: Proteomic and lipidomic biomarkers in the diagnosis and progression of inflammatory bowel disease - a review.
CZ: Proteomics Clin. Appl.
SZ: 2023 : vol. 17, nr 1, id. art. e2200003, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 2.100
Pkt. MNiSW: 100.000
19.
AU: Michalczyk Anna, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Rek-Owodziń Katarzyna, Plichta Piotr, Bielecki Maksymilian, Andrusewicz Wojciech, Cecerska-Heryć Elżbieta, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy
TO: Serum inflammatory markers and integrity of the superior longitudinal fasciculus and the inferior longitudinal fasciculus in schizophrenia, from prodromal stages to chronic psychosis-a cross-sectional study.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 2, id. art. 683, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
20.
AU: Cecerska-Heryć Elżbieta, Pękała Maja, Serwin Natalia, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Michalczyk Anna, Heryć Rafał, Budkowska Marta, Dołęgowska Barbara
TO: The use of stem cells as a potential treatment method for selected neurodegenerative diseases: review.
CZ: Cell. Mol. Neurobiol.
SZ: 2023 : vol. 43, nr 6, s. 2643-2673, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.600
Pkt. MNiSW: 100.000
21.
AU: Serwin Natalia, Adamiak Daria, Wiśniewska Magda, Marchelek-Myśliwiec Małgorzata, Serwin Karol, Cecerska-Heryć Elżbieta, Grygorcewicz Bartłomiej, Roszak Marta, Miądlicki Karol, Dołęgowska Barbara
TO: Adiponectin is unrelated to kidney function or injury markers in renal transplant recipients: A one-year follow-up study.
CZ: Prostaglandins Other Lipid Mediat.
SZ: 2022 : vol. 159, id. art. 106618, 6 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 100.000
22.
AU: Cecerska-Heryć Elżbieta, Goszka Małgorzata, Serwin Natalia, Roszak Marta, Grygorcewicz Bartłomiej, Heryć Rafał, Dołęgowska Barbara

TO: Applications of the regenerative capacity of platelets in modern medicine.
CZ: Cytokine Growth Factor Rev.
SZ: 2022 : vol. 64, s. 84-94, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 13.000
Pkt. MNiSW: 140.000
23.
AU: Cecerska-Heryć Elżbieta, Polikowska Aleksandra, Serwin Natalia, Roszak Marta, Grygorcewicz Bartłomiej, Heryć Rafał, Michalczyk Anna, Dołęgowska Barbara
TO: Importance of oxidative stress in the pathogenesis, diagnosis, and monitoring of patients with neuropsychiatric disorders, a review.
CZ: Neurochem. Int.
SZ: 2022 : vol. 153, id. art. 105269, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.200
Pkt. MNiSW: 100.000
24.
AU: Michalczyk Anna, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Rek-Owodziń Katarzyna, Plichta Piotr, Bielecki Maksymilian, Andrusewicz Wojciech, Cecerska-Heryć Elżbieta, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy
TO: Serum inflammatory markers and their associations with the integrity of the cingulum bundle in schizophrenia, from prodromal stages to chronic psychosis.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 21, id. art. 6352, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
25.
AU: Michalczyk Anna, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Rek-Owodziń Katarzyna, Plichta Piotr, Bielecki Maksymilian, Andrusewicz Wojciech, Cecerska-Heryć Elżbieta, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy
TO: Serum inflammatory markers and their associations with white matter integrity of the corpus callosum in schizophrenia patients and healthy controls.
CZ: Prog. Neuropsychopharmacol. Biol. Psychiatry
SZ: 2022 : vol. 116, id. art. 110510, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 100.000
26.
AU: Budkowska Marta, Cecerska-Heryć Elżbieta, Marcinowska Zuzanna, Siennicka Aldona, Dołęgowska Barbara
TO: The influence of circadian rhythm on the activity of oxidative stress enzymes.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 22, id. art. 14275, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
27.
AU: Cecerska-Heryć Elżbieta, Heryć Rafał, Dutkiewicz Grażyna, Michalczyk Anna, Grygorcewicz Bartłomiej, Serwin Natalia, Napiontek-Balińska Sylwia, Dołęgowska Barbara
TO: Xanthine oxidoreductase activity in platelet-poor and rich plasma as a oxidative stress indicator in patients required renal replacement therapy.
CZ: BMC Nephrol.
SZ: 2022 : vol. 23, id. art. 35, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.300
Pkt. MNiSW: 100.000

Name:	ALEKSANDRA KŁADNA
Title/Degree:	dr hab. n. med.
Organizational unit (department/department/clinic):	Department of the History of Medicine and Medical Ethics
Position:	Head of the Department
Email address for business contact:	aleksandra.kladna@pum.edu.pl
Represented scientific discipline:	75% medical sciences / 25% health sciences

Education and Academic Degrees
Graduated from the Faculty of Medicine of the Pomeranian Medical Academy named after General Karol Świerczewski in Szczecin in 1982, awarded the title of Doctor of Medicine.
Licence to practise medicine: No. 1139640.
PhD in medical sciences awarded in 1986.
Postdoctoral degree (habilitation) in medical sciences awarded in 1996.
Specialist title in dermatology and venereology awarded in 1996.
Postgraduate studies in Medical Law, Bioethics and Sociology of Medicine completed at the Faculty of Law and Administration, University of Warsaw, in 2008.
Specialist title in palliative medicine awarded in 2011.

Academic Employment – Career Progression
Since 2000, employed at the Department of the History of Medicine and Medical Ethics, Pomeranian Medical University (PUM), holding the position of Head of Department.

Dr hab. Aleksandra Kładna graduated in 1982 from the Faculty of Medicine at the Pomeranian Medical Academy in Szczecin. Her academic and teaching career began during her fourth and fifth years of study, when she conducted pharmacology classes for third-year medical students.
She was awarded her PhD in 1986 and her postdoctoral degree (habilitation) in 1996. In the same year, she passed the specialisation exam in dermatology and venereology with distinction. In 2008, she completed postgraduate studies in Medical Law, Bioethics, and the Sociology of Medicine at the University of Warsaw. In 2011, she obtained the title of specialist in palliative medicine.
She has been actively involved in academic governance and institutional development at the University of Szczecin and in the West Pomeranian region, including serving as:

- Senator of the University of Szczecin
- Member of various Senate Committees (Teaching, Verification of Academic Staff, Student Regulations, Budget, and Disciplinary Affairs)
- Chair of the Budget and Publishing Committees at the Faculty of Natural Sciences
- Deputy Dean of the Faculty of Natural Sciences, Institute of Physical Culture
- Director of the Institute of Physical Culture

Has received numerous awards for scientific, teaching, and organisational achievements, including special distinctions from the Rector of the University of Szczecin.
In 1996, established the Department of Human Ecology and Environmental Medicine at the University of Szczecin, where she developed a novel curriculum emphasising the integration of environmental awareness with a humanistic approach to science. She introduced innovative lectures and seminars on environmental diseases within the subjects “Human Ecology” and “Environmental Medicine,” educating students on illnesses caused wholly or partially by environmental exposure.
She lectures to fourth- and fifth-year students of the Institute of Physical Culture at the Faculty of Natural Sciences (both full-time and part-time) using textbooks and study guides she has authored or co-authored, including:
Human Ecology, *Exercise Guide in Human Ecology*, *Environmental and Preventive Medicine*, *Vademecum of Human Ecology and Environmental and Preventive Medicine*, *Lexicon of Health Education*, among others.
In 1997, as an academic at the University of Szczecin, developed the pioneering project “Physical Activity and Cancer” (doctoral supervision, Poznań 2001 and 2005), later adopted by the Pomeranian Medical Academy (now Pomeranian Medical University). She currently involves fifth- and sixth-year medical students in this research. In the same year, she initiated scientific collaboration with research teams in Poland and internationally (France, Germany, Turkey, Saudi Arabia) on the project “Innovative Antioxidative Biomaterials.”

For over 38 years, has been consistently recognised by students for her dedication to teaching, both at the University of Szczecin and the Pomeranian Medical Academy/PUM. She has received multiple awards from the Rectors of both institutions.
Since 2000, has served as Head of the Department of the History of Medicine and Medical Ethics at PAM/PUM.
Since 2003, has been deeply involved in the regional hospice movement in Western Pomerania, promoting multidimensional educational and volunteer work tailored to the needs of terminally ill cancer patients. Three times voluntarily served as Medical Director of St. John the Evangelist Hospice in Szczecin, where she also led specialist training in palliative care for general practitioners in 2010–2011.
Upholding the Hippocratic model of treating the patient, not merely the disease, in 2005 introduced a pioneering empathy training module—"Empathy in Medicine"—into the emergency medicine curriculum at PAM's faculties of medicine and dentistry. This was the first initiative of its kind in Poland and later expanded to include students of biotechnology, laboratory medicine, and pharmacy.
In 2007 and 2008, edited and co-authored a bilingual Polish-English textbook with the Department of the History of Medicine and Medical Ethics, featuring an innovative chapter titled "Empathy as a Crucial Clinical Skill." This publication was the first in Poland to provide comprehensive educational materials for teaching communication and empathy in clinical settings.
At PAM/PUM, has delivered lectures, seminars, and practical classes, and has conducted examinations in subjects including the history of medicine, emergency medicine with nursing elements, medical and professional ethics, dental law and ethics, bioethics, medical law, palliative medicine, copyright law, empathy in medicine, and palliative care, across the faculties of medicine, dentistry, medical analytics, biotechnology, and pharmacy.
Between 1981 and 1991, worked as a general practitioner at the Sacred Heart Hospital in Abeokuta, Nigeria.
Between 2001 and 2003, served on the examination board for both levels of specialisation in dermatology and venereology.
Between 2005 and 2008, was appointed to the Editorial Board of the PAM Publishing House.
In 2006, was appointed by the Faculty Council of Dentistry at PAM to the Academic Staff Evaluation Committee and joined the Dean's Collegium in 2007. From 2007 to 2010, she was a member of the Committee on the History of Medical Sciences of the Polish Academy of Sciences.
Between 2013 and 2017, was a member of the Medical Tribunal of the Regional Medical Chamber in Szczecin. In 2013, she was appointed by the Minister of Health to the Expert Team for Teaching the History of Medicine in medical universities.
Since 2020, has served on the Expert Panel responsible for developing the specialisation curriculum in palliative medicine in Poland. She also trains medical interns in the field of bioethics.
Member of the Editorial Board of the *Archives of the History and Philosophy of Medicine* and the international journal *Current Drug Therapy*.
As part of the Ministry of Education and Science's programme "Discover Poland – Exploring the Natural Environment, Cultural Heritage, History, Traditions, and Scientific Achievements," she has worked as a volunteer educator for primary and secondary school students, promoting the values of Polish and global history, science, and culture. She also coordinates the Medical History Museum's educational point within the Department of the History of Medicine and Medical Ethics.
Author and co-author of over 200 scientific publications in both Polish and English, with a total impact factor of 68.345.
Supervised 13 successfully defended doctoral theses and reviewed numerous doctoral, master's, and bachelor's theses. She has also served as a peer reviewer for academic journals, both Polish and international, and has been appointed by the Central Commission for Degrees and Titles as a senior reviewer and expert in the fields of medical history and dermatology.
Aactively involved in several professional societies, including the Polish Society of Palliative Medicine and the Polish Society for the History of Medicine and Philosophy.
Also engages in:

- Continuous professional development through training and courses
- Participation in scientific and popular science conferences
- Mentorship of early-career researchers
- Scientific, training, and teaching placements
- Inter-institutional, national, and international cooperation

10. Scientific achievements

	Total number of works	**Number of works with IF**	**Number of works with MNiSW scores**	**Total IF value**	**Total MNiSW** score
Total	133	33	80	71.245	1290

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Zakrzewski Szymon, Wielusiński Maciej, Kaźmierczak Jarosław, Duda Łukasz, Hoppe Wiktoria, Bazylewicz-Zakrzewska Katarzyna, Kładna Aleksandra, Kiedrowicz Radosław Marek
TO: Superior vena cava as an arrhythmogenic substrate in atrial fibrillation: anatomical, electrophysiological and clinical perspectives.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 21, id. art. 7456, 19 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Case study
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
2.
AU: Kładna Aleksandra, Skołozdrzy Tomasz, Wojciechowski Jan, Tadaj Bartosz, Kawka Martyna, Kellas Akeksandra
TO: Practicing sport in the age group 21-34 and the risk of breast cancer - analysis of the results of a retrospective study.
CZ: Cent. Eur. J. Sport Sci. Med.
SZ: 2023 : vol. 43, nr 3, s. 53-81, tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
3.
AU: Kiedrowicz Radosław M., Wielusiński Maciej, Kraśnik Wojciech, Jankowska Olga, Zakrzewski Szymon, Duda Łukasz, Peregud-Pogorzelska Małgorzata, Kładna Aleksandra, Kaźmierczak Jarosław
TO: The impact of regional maximum tolerated interlesion distance on the long-term ablation outcomes in ablation index guided pulmonary vein isolation for atrial fibrillation.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 15, id. art. 5056, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000

Name:	BEATA KARAKIEWICZ
Title/Degree:	prof. dr hab. n. zdr.
Organizational unit (department/department/clinic):	Faculty of Health Sciences, Pomeranian Medical University in Szczecin Department of Social Medicine, Pomeranian Medical University in Szczecin
Position:	Dean of the Faculty of Health Sciences, Pomeranian Medical University in Szczecin Head of the Department of Social Medicine, Pomeranian Medical University in Szczecin
Email address for business contact:	beata.karakiewicz@pum.edu.pl
Represented scientific discipline:	100% health sciences

1. **Education and scientific degrees**
   - 1994 – Master's degree, major: Special Education, Faculty of Psychology and Pedagogy, University of Szczecin.
   - 18 May 1999 – PhD, dissertation: "The impact of family living conditions on the health status of children with disabilities", Pomeranian Medical Academy in Szczecin.
   - 17 June 2008 – Postdoctoral degree (habilitation), dissertation: "Assessment of the impact of selected environmental factors on development and behavioral disorders in children with autism", Pomeranian Medical Academy in Szczecin.
   - 19 February 2014 – Title of Professor in the field of Medical and Health Sciences, Pomeranian Medical University in Szczecin.

2. **Academic employment – career history**
   - Dean of the Faculty of Health Sciences during the terms: 2012-2016, 2016-2020, 2020-2024, and 2024-2028.
   - Since 2014 – present: Head of the Department of Social Medicine and the Department of Social Medicine and Public Health, PUM.
   - Chair of the Convention of Deans of Faculties of Health Sciences at Medical Universities in Poland for the 2024-2028 term.
   - Senator of Pomeranian Medical University in Szczecin during the terms: 2012-2016, 2016-2020, 2020-2024.
   - Member of the Society of Environmental Medicine, Polish Society of Family Medicine, and Polish Psychiatric Association.
   - Former Rector's Plenipotentiary for Addiction Prevention at PUM (2012-2024).
   - Former President of the Polish Public Health Association (2010-2014).
   - Member of Division V of Medical Sciences of the Polish Academy of Sciences.
   - Rector's Plenipotentiary for Public Health at PUM.
   - Member of the Library Council (2005-2008).
   - Member of the University Curriculum Committee (2006-2012).
   - Chair of the Didactic Council of the Faculty of Health Sciences (2012–present).
   - Member of the University Quality Assurance Team as the Dean of the Faculty of Health Sciences (2012–present).

3. **Specialization**
   - Public Health
   - Social Medicine

4. **Research area(s) and scientific interests**

   Main scientific and research interests focus on public health and environmental medicine, management and organization in nursing and midwifery. Many publications address issues related to individuals with physical and intellectual disabilities, chronically ill patients, individuals addicted to psychoactive substances, and people living with HIV. Scientific collaboration with the Faculty of Nursing & Health Sciences, Bethlehem University in the Holy Land (Israel), the University of British Columbia in Vancouver (Canada), and the University of Malaga (Spain).

   Fields: Public Health (population health management, prevention, health promotion, risk factor analysis); Social Medicine (studying the impact of social and environmental factors on population health)

5. Research projects

Project No. 1. Implementation of Young Researcher projects financed from targeted grants for conducting scientific research or development work and related tasks, aimed at the development of young researchers and doctoral students, financed through an internal competitive procedure.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 16-05-2016.
Project end date: 31-12-2017.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number: 208579/E-404/M/2016.
Leading unit at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 2. Implementation of Young Researcher projects financed from targeted grants for conducting scientific research or development work and related tasks, aimed at the development of young researchers and doctoral students, financed through an internal competitive procedure.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 20-05-2015.
Project end date: 31-12-2016.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number, Decision No.: 208579/E-404/M/2015.
Leading unit at PUM.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 3. Implementation of Young Researcher projects financed from targeted grants for conducting scientific research or development work and related tasks, aimed at the development of young researchers and doctoral students, financed through an internal competitive procedure.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 02-06-2014.
Project end date: 31-12-2015.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number, Decision No.: 208579/E-404/M/2014.
Leading unit at PUM.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 4. Implementation of Young Researcher projects financed from targeted grants for conducting scientific research or development work and related tasks, aimed at the development of young researchers and doctoral students, financed through an internal competitive procedure granted in 2013.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 20-05-2013.
Project end date: 31-12-2014.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Decision No.: 208579/E-404/M/2013.
Leading unit at PUM: Pomeranian Medical University in Szczecin (PUM).
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 5. Implementation of statutory projects financed from institutional subsidies for maintaining research potential.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 19-02-2015.
Project end date: 31-12-2016.

Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number DECISION NO.: 208579/E-404/S/2015.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medical biology / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 6. Implementation of statutory projects financed from institutional subsidies for maintaining research potential granted in 2014.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 25-02-2014.
Project end date: 31-12-2015.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number DECISION NO.: 208579/E-404/S/2014.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medical biology / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 7. Implementation of statutory projects financed from institutional subsidies for maintaining research potential granted in 2013.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 27-02-2013.
Project end date: 31-12-2014.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number DECISION NO.: 208579/E-404/S/2013 and 208604/E-404/S/2013-1.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: medical biology / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, and field of health sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.
Project No. 8. Implementation of statutory projects financed from institutional subsidies for maintaining research potential granted in 2016.
Project leader at PUM: Beata Maria Karakiewicz (WNoZ/SPPR0).
Project start date: 22-02-2016.
Project end date: 31-12-2017.
Projects financed by the Ministry of Science and Higher Education (MNiSW).
Project number INFORMATION NO.: 208579/E-404/S/2016 and 208579/E-404/S/2016-1.
Role of PUM in the project: Main contractor.
Units implementing the project at PUM: Faculty of Health Sciences (WNoZ).
Field, discipline, scientific area: field of pharmaceutical sciences / area of medical sciences and health sciences and physical culture sciences, medical biology / field of medical sciences / area of medical sciences and health sciences and physical culture sciences, medicine / field of medical sciences / area of medical sciences and health sciences and physical culture sciences.
GBAORD classification: 7.10 Other health research.

6. Scientific supervision in doctoral dissertations (as well as completed and in progress)

- Number of principal supervisor activities - 32
- Number of co-supervisor activities - 2

7. Activity in scientific organizations, expert teams, etc.

- 2010–2014 - President of the Main Board of the Polish Public Health Association.
- 2011–2014 - Vice-President of the Main Board of the Polish Society of Environmental Medicine.
- 2024–present - Member of the expert team for substantive and technical evaluation of EU-funded projects under the Regional Operational Programme in the West Pomeranian Voivodeship.
- 2024–present - Member of the National Accreditation Council for Nursing and Midwifery Schools.
- Founder of the External Stakeholders Board at the Faculty of Health Sciences, PUM (since 26 October 2021).

- Ongoing member of the Polish Society of Family Medicine, Polish Psychiatric Association, Division V of Medical Sciences of the Polish Academy of Sciences.
- Continuous participation in the University Quality Assurance Team and as Chair of the Didactic Council at the Faculty of Health Sciences, PUM.
- 2012–2016, 2016–2020, 2020–2024 Rector's Plenipotentiary for Addiction Prevention, PUM.
- Continuous: Rector's Plenipotentiary for Public Health, PUM.

8. Awards, prizes, certificates - related to scientific or teaching activities

- Individual award from the Minister of Health (2022) for organizational and scientific achievements.
- Numerous Rector's Awards from PUM for scientific, didactic, and organizational achievements.
- Medal of the National Education Commission (2020).
- Gold Cross of Merit for achievements in medical sciences (2020).
- Gold Medal for Long Service for exemplary performance of professional duties (2020).
- Gold Honorary Badge of the West Pomeranian Griffin for contributions to regional development during the pandemic (2022).

9. Academic commitment and competence to support scientific and teaching activities:

- Chair of scientific and organizational committees for numerous conferences and events such as:
- Scientific-Training Conference "Women's Health and Safety at Every Stage of Life" (April 2025).
- Offshore Sector Safety Conference (April 2025).
- Baltic Symposium of Young Scientists "Humans in the Health Sciences System" (June 2024).
- Health Ambassador Carnival Ball with physiotherapy and relaxation gymnastics for seniors (January 2024).
- Introductory and interactive training for teachers on child and adolescent mental health disorders (October 2024).
- Organizer of annual "Health Ambassador" events and festivals in Szczecin (2023–2025).
- Educational internship at Bethlehem University (Palestine, August–September 2019) focusing on nursing, social medicine, and public health.
- Established international educational and research collaborations with institutions including the University of British Columbia (Canada), Faculty of Nursing & Health Sciences in Bethlehem (Israel), and the University of Malaga (Spain).
- 1 September 2024 – 28 February 2027 Erasmus+ MultiCultiMed project – modern multicultural education for medical and health science students with consortium partners from Spain, Slovenia, Cyprus, Germany, and Ukraine (project leadership role).

10. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	623	101	382	220.460	9639

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Mikla Marzena, Cybulska Anna Maria, Rios Antonio, Panczyk Mariusz, Rachubińska Kamila, Kotwas Artur, Karakiewicz Beata, Grochans Elżbieta, Schneider-Matyka Daria
TO: Attitudes of polish medical students toward organ donation.
CZ: Front. Public Health
SZ: 2025 : vol. 13, id. art. 1531140, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000

2.
AU: Giezek Marta, Landowski Marek, Zabielska Paulina, Karakiewicz Beata
TO: Dominant personal values and stress-coping strategies in relation to health and social conditions of kinship foster carers aged 60+ providing care for their biological grandchildren.
CZ: BMC Geriatr.
SZ: 2025 : vol. 25, nr 1, id. art. 258, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 100.000

3.
AU: Giezek Marta, Landowski Marek, Zabielska Paulina, Szpakow Andriej, Karakiewicz Beata
TO: Eating disorders in relation to alcohol addiction - A study of drunkorexia in young adults in Poland.
CZ: Front. Public Health
SZ: 2025 : vol. 13, id. art. 1629206, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000

4.
AU: Kożybska Marta, Szpyt Justyna, Pajor Kacper, Radlińska Iwona, Wojtkowska Anna, Karakiewicz Beata
TO: Problematic internet use among people with dentofacial deformity: a preliminary study.
CZ: Front. Psychiatry
SZ: 2025 : vol. 16, id. art. 1481739, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200

Pkt. MNiSW: 100.000
5.
AU: Zabielska Paulina, Szkup Małgorzata, Kotwas Artur, Skonieczna-Żydecka Karolina, Karakiewicz Beata
TO: Association between symptoms of depression and inflammatory parameters in people aged over 90 years.
CZ: BMC Geriatr.
SZ: 2024 : vol. 24, nr 1, id. art. 317, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 100.000
6.
AU: Radlińska Iwona, Kożybska Marta, Prajzner Arkadiusz, Krzywoszański Łukasz, Karakiewicz Beata
TO: Attitudes towards persons with disabilities vs. personality traits of Polish students.
CZ: Front. Psychiatry
SZ: 2024 : vol. 15, id. art. 1477877, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200
Pkt. MNiSW: 100.000
7.
AU: Zdziarski Krzysztof, Knyszyńska Anna, Karakiewicz-Krawczyk Katarzyna, Awad Mariam, Awad Salam, Qumsieh Narmeen, Landowski Marek, Karakiewicz Beata
TO: Life satisfaction of Palestinian and Polish students after pandemic COVID-19.
CZ: Front. Public Health
SZ: 2024 : vol. 12, id. art. 1409710, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
8.
AU: Curyło Mateusz, Czerw Aleksandra, Rynkiewicz-Andryśkiewicz Marlena, Andryśkiewicz Przemysław, Mikos Marcin, Partyka Olga, Pajewska Monika, Świtalski Jakub, Sygit Katarzyna, Sygit Marian, Karakiewicz Beata, Cipora Elżbieta, Kaczmarski Mateusz, Głowacka Mariola, Strzępek Łukasz, Drobnik Jarosław, Pobrotyn Piotr, Krzych-Fałta Edyta, Bandurska Ewa, Ciećko Weronika, Knyszyńska Anna, Porada Sławomir, Borzuchowska Monika, Kozlowski Remigiusz, Marczak Michał
TO: Measuring the intensity of stress experienced and its impact on life in patients with diagnosed alcohol use disorder.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 2, id. art. 572, 8 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
9.
AU: Skwirczyńska Edyta, Chudecka-Głaz Anita, Wróblewski Oskar, Tejchman Karol, Skonieczna-Żydecka Karolina, Piotrowiak Michał, Michalczyk Kaja, Karakiewicz Beata
TO: Age matters: the moderating effect of age on styles and strategies of coping with stress and self-esteem in patients with neoplastic prostate hyperplasia.
CZ: Cancers
SZ: 2023 : vol. 15, nr 5, id. art. 1450, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
IF: 4.500
Pkt. MNiSW: 200.000
10.
AU: Radlińska Iwona, Kożybska Marta, Kolwitz Marcin, Kotwas Artur, Karakiewicz Beata
TO: Application of direct coercive measures. Report of medical staffs opinions (Part 1).
CZ: Pomeranian J. Life Sci.
SZ: 2023 : t. 69, nr 3, s. 69-75, tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
11.
AU: Giezek Marta, Wojtkowska Anna, Zabielska Paulina, Karakiewicz Beata
TO: Patience with foster children as a major problem for grandparents in the role of kinship carers aged 60 + and the psychosocial determinants of this deficit.
CZ: BMC Geriatr.
SZ: 2023 : vol. 23, nr 1, id. art. 808, 10 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
12.
AU: Kożybska Marta, Radlińska Iwona, Prajzner Arkadiusz, Krzywoszański Łukasz, Karakiewicz Beata
TO: Problematic Internet use and attitudes towards persons with disabilities - cross-sectional research among Polish students.
CZ: BMC Med. Educ.
SZ: 2023 : vol. 23, nr 1, id. art. 915, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.700
Pkt. MNiSW: 140.000
13.
AU: Giezek Marta, Landowski Marek, Kożybska Marta, Karakiewicz Beata
TO: The impact of the COVID-19 pandemic on self-efficacy scores and intensity of depressiveness in people aged over 60 years providing kinship foster care.
CZ: BMC Geriatr.
SZ: 2023 : vol. 23, nr 1, id. art. 194, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
14.
AU: Kamińska Magdalena Sylwia, Rachubińska Kamila, Grochans Szymon, Skonieczna-Żydecka Karolina, Cybulska Anna Maria, Grochans Elżbieta, Karakiewicz Beata
TO: The impact of whey protein supplementation on sarcopenia progression among the elderly: a systematic review and meta-analysis.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 9, id. art. 2039, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
15.
AU: Żelewski Paweł, Wojna Michał, Sygit Katarzyna, Cipora Elżbieta, Gąska Izabela, Niemiec Mateusz, Kaczmarski Mateusz, Banaś Tomasz, Karakiewicz Beata, Kotwas Artur, Zabielska Paulina, Partyka Olga, Pajewska Monika, Krzych-Fałta Edyta, Bandurska Ewa, Ciećko Weronika, Czerw Aleksandra
TO: Comparison of US and EU prices for Orphan Drugs in the perspective of the considered US Orphan Drugs act modifications and discussed price-regulation mechanisms adjustments in US and European Union.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 19, id. art. 12098, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
16.
AU: Wieder-Huszla Sylwia, Chudecka-Głaz Anita, Cymbaluk-Płoska Aneta, Karakiewicz Beata, Bosiacki Mateusz, Chlubek Dariusz, Jurczak Anna
TO: Evaluation of the concentration of selected elements in patients with cancer of the reproductive organs with respect to treatment stage - preliminary study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 12, id. art. 2368, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

17.
AU: Zdziarski Krzysztof, Zabielska Paulina, Wieder-Huszla Sylwia, Bąk Iwona, Cheba Katarzyna, Głowacka Mariola, Karakiewicz Beata
TO: Existential and spiritual attitudes of Polish medical and nursing staff towards death.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 15, id. art. 9461, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
18.
AU: Zdziarski Krzysztof, Karakiewicz-Krawczyk Katarzyna, Awad Mariam S., Qumsieh Narmeen, Landowska Anna, Karakiewicz Beata
TO: Feelings of Polish and Palestinian students after receiving vaccinations against COVID-19.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 20, id. art. 13692, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
19.
AU: Augustynowicz Anna, Borowska Mariola, Lewtak Katarzyna, Borowicz Jacek, Waszkiewicz Michał, Karakiewicz Beata, Opolski Janusz, Banaś Tomasz, Czerw Aleksandra
TO: Financing of immunization programs by local government units in Poland as an element of health policy.
CZ: Vaccines
SZ: 2022 : vol. 10, nr 1, id. art. 28, 10 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.800
Pkt. MNiSW: 140.000
20.
AU: Stachowska Laura, Koziarska Dorota, Karakiewicz Beata, Kotwas Artur, Knyszyńska Anna, Folwarski Marcin, Dec Karolina, Stachowska Ewa, Hawryłkowicz Viktoria, Kulaszyńska Monika, Sołek-Pastuszka Joanna, Skonieczna-Żydecka Karolina
TO: Hepcidin (rs10421768), transferrin (rs3811647, rs1049296) and transferrin receptor 2 (rs7385804) gene polymorphism might be associated with the origin of multiple sclerosis.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6875, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
21.
AU: Lewandowska Agata, Religioni Urszula, Czerw Aleksandra, Deptała Andrzej, Karakiewicz Beata, Partyka Olga, Pajewska Monika, Sygit Katarzyna, Cipora Elżbieta, Kmieć Kamila, Augustynowicz Anna, Męka Dominika, Waszkiewicz Michał, Barańska Agnieszka, Mináriková Daniela, Minárik Peter, Merks Piotr
TO: Nutritional treatment of patients with colorectal cancer.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6881, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
22.
AU: Wlodkowic Donald, Czerw Aleksandra, Karakiewicz Beata, Deptała Andrzej
TO: Recent progress in cytometric technologies and their applications in ecotoxicology and environmental risk assessment.
CZ: Cytometry A
SZ: 2022 : vol. 101, nr 3, s. 203-219, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
23.
AU: Knyszyńska Anna, Skonieczna-Żydecka Karolina, Koziarska Dorota, Stachowska Laura, Kotwas Artur, Kulaszyńska Monika, Lubkowska Anna, Karakiewicz Beata
TO: Searching for the relationship between the concentration of heavy metals in the blood and the clinical course of multiple sclerosis: A cross-sectional study in Poland.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6548, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
24.
AU: Karakiewicz-Krawczyk Katarzyna, Zdziarski Krzysztof, Landowski Marek, Nieradko-Heluszko Agnieszka, Kotwas Artur, Szumilas Paweł, Knyszyńska Anna, Karakiewicz Beata
TO: The opinions of Poles about the need to provide humanitarian aid to refugees from the area covered by the Russian-Ukrainian War.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 20, id. art. 13369, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000

Name:	ELŻBIETA GROCHANS
Title/degree:	Professor, Doctor of Medical Sciences and Health Sciences
Organisational unit (department/clinic):	Department of Nursing
Position:	Professor/head
Business e-mail address:	elzbieta.grochans@pum.edu.pl
Represented scientific discipline:	100% health sciences

1. **Education and degrees obtained**
   - 1984 - nurse, 1993 - **Master of Science** in Nursing
   - 2002 - **Doctoral** dissertation entitled "Nursing support in a rooming-in maternity ward", Pomeranian Academy of Medicine
   - 2003 - **Doctoral** degree on the basis of scientific achievements and thesis "Evaluation of the influence of environmental and genetic factors on the occurrence of anxiety disorders and quality of life in postmenopausal women": Council of the Faculty of Health Sciences of the Pomeranian Medical University
   - 2019 - **Professor, Doctor of Medical Sciences and Health Sciences** - President of the Republic of Poland

2. **Scientific employment - career development**
   2001-2005 - **senior instructor** at the Independent Nursing Propaedeutics Unit of the PMA
   2005 - 2014 - **Assistant Professor** in the Department of Nursing at PMA
   2014 - 2019 - **Associate Professor at** PMU
   2020 - **Professor** Chair and Department of Nursing PMU

3. **Specialisations:**
   2004 - title of nurse specialist in organisation and management

4. **Research area(s) and scientific interests**
   - **Biological, environmental and genetic prognostic indicators of peri-menopausal women's health**
     - Exploring factors influencing mood disorders in peri- and postmenopausal women
     - Analysis of factors influencing the prevalence of metabolic syndrome in women aged 45-60 years
     - Exploring the relationship between biological and psychosocial factors affecting women's functioning in late reproductive age
     - Effects of bio-elements and heavy metals on women's mental and social functioning
   - **Exploring factors influencing health behaviour and addiction risk among young adults**
   - **Multifaceted analysis of the quality of life of patients undergoing therapy**
   - **Prospects for nursing development**

5. **Research projects**
   1. member of the research team in the project entitled "Imminent Disease Prediction and Prevention at the Environment Host Interface (IMMEDIATE)**"**. **, "Imminent Disease Prediction and Prevention at the Environment Host Interface (IMMEDIATE)" (HORIZON-HLTH-2022-STAYHLTH-02-01 Project 101095540),** duration: 1.01.2023-31.12.2026 r. , €6.2 million
   The project involves 12 institutions, including the Charite Medical University in Berlin, the MaxDelbrueck Institute from Berlin, the Weizmann Institute from Israel, Imperial College from London and others. The consortium also includes 3 economic players.
   The website of the project entitled. , "Imminent Disease Prediction and Prevention at the Environment Host Interface (IMMEDIATE)" (HORIZON-HLTH-2022-STAYHLTH-02-01 Project 101095540): https://immediate-project.eukierownik/współwykonawca.
   2. project leader of own research No. 302-160, entitled. "Investigation of the relationship between serotonin transporter 5-HTT and MAOA monoamine oxidase gene polymorphisms and anxiety disorders, depression and quality of life in postmenopausal women".
   3. manager of projects funded by the Science Stimulation Fund:
   FSN-302-03/15, entitled. "Impact of diabetes prevalence on depression and quality of life in postmenopausal women",

FSN-302-03/18, entitled. "Genetic determinants of chronic inflammation as a factor in the development of age-related neuroendocrine disorders in peri-menopausal women".

6. **Promoting doctoral theses** (completed and in progress)
   - number of master **promotions-completed: 19**
   - number of lead promotions - ongoing: 3
   - number of auxiliary promotions - ongoing: 2

7. **Activity in scientific organisations, bodies, expert groups, etc.**
   - Member of the Scientific Councils of the journals: Problemy Pielęgniarstwa, Pielęgniarstwo Polskie
   -Expert in a document prepared on behalf of the Ministry of Health , under the direction of Professor Marek Kulus, MD, PhD, "Improving the quality of education in the medical professions through the development of teaching using simulation", Warsaw 2014.
   - Expert in a paper prepared on behalf of the Ministry of Health: "Implementation of the *Objective Structured Clinical Examination* (OSCE) in medical and medical-dental faculties".

8. **Prizes, awards, certificates - related to scientific or teaching activities**
   2021 **- Individual Award of the Minister of Health** for significant achievements in the field of teaching courage
   2008 **-** badge of honour **"For services to health care" - Minister of Health**
   2009 - "**Medal of the Commission of National Education"** for special merits for education and upbringing - Minister of National Education
   Since 2010, annual **scientific awards of the Rector of PUM**
   Since 2005, annual **teaching awards from the Rector of PUM**

9. **Academic commitment and competence to support research and teaching activities:**
   - In 2013, I completed the Postgraduate Diploma in "Research Manager and development work".
   - I have been a member of the Scientific and Organising Committee of numerous national and international conferences
   - I have participated in numerous international and national conferences
   - I provide teaching for undergraduate, postgraduate and Doctoral School students,
   - I am the supervisor of approximately 400 master's and bachelor's theses
   - I am a reviewer of approximately 300 master's and bachelor's theses
   - Research internship in Canada at the University of British Columbia in Vancouver, which led to research collaborations resulting in joint research, the results of which were published in IF journals:
     - The University of British Columbia Vancouver, BC, Canada. School of Population and Public Health, 9 - 23 September 2011
     - The University of British Columbia and Arthritis Research Centre of Canada, Vancouver, BC, Canada, 1 -14 September 2012
     - Arthritis Research Centre of Canada, Vancouver, BC, Canada, April 8 -16, 2015
     - Faculty of Medicine, School of Population and Public Health, The University of British Columbia,

     - cooperation with Klinik für Gynäkologie und Geburtshilfe, Sana HANSE-Klinikum Wismar GmbH, 23966 Wismar, Germany

- I have also received training in centres abroad:
  - The University of Connecticut Health Center Farmington, Connecticut USA, Department of Community Medicine, 21 -27.06. 2010.
  - Faculty of Health Sciences Novo Mesto, Slovenia 30.05-6.06. 2013. "The Organisation and Management of the Process of Theoretical and Practical Training in Health Sciences".
  - The University of Murcia, School of Nursing, Hospital General Universitario Reina Sofia in Murcia, 23.05-30.05.2014. "The use of modern methods in Healthcare organization and management to optimize the process of education of health science students".
  - Hospital General Universitario Reina Sofia in Murcia, Spain 4-12.06.2015. "The development of skills and competencies of academic staff in the optimization of methods for organizing practical training for students in the health sciences".

- Cooperation:
  - Department of Nursing, University of Murcia, Spain as part of an international study entitled: , "The impact of addictions on self-esteem, dispositional optimism, sleep quality, stress and coping in difficult situations among nursing students in Spain, Slovenia and Poland". - 2022
  - Department of Nursing, University of Murcia, Spain as part of an international study entitled: "The impact of coherence and life orientation on the level of empathy, social competence, ability to cope with stress and self-esteem of nursing students in Spain, Slovenia and Poland". - 2021.

- I cooperate with numerous centres in Poland, including:
    - West Pomeranian University of Technology, Szczecin, Department of Biotechnology of Animal Reproduction and Environmental Hygiene
    - University of Szczecin; Institute of Psychology, Institute of Biology
    - Warsaw Medical University, Department of Education and Research in Health Sciences
    - Medical University of Lublin, Department of Family and Geriatric Nursing
    - Medical University of Piastów Śląskich in Wrocław, Department of Internal Medicine Nursing; Chair and Clinic of Internal Medicine, Occupational Diseases, Hypertension and Clinical Oncology
    - University of Warmia and Mazury in Olsztyn, Department of Nursing
    - Medical University of Silesia in Katowice, Department of Health Promotion and Treatment of Obesity

10. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	559	138	328	449.314	15143

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Nowak Marta, Cybulska Anna Maria, Schneider-Matyka Daria, Grochans Elżbieta, Walaszek Ireneusz, Panczyk Mariusz, Nowicki Grzegorz Józef, Rachubińska Kamila
TO: Acceptance of the disease in patients diagnosed with neovascular age-related macular degeneration depending on visual parameters - before and after a series of seven intravitreal injections.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 2, id. art. 447, 15 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
2.
AU: Pajewska Monika, Partyka Olga, Czerw Aleksandra, Deptała Andrzej, Sygit Katarzyna, Gąska Izabela, Porada Sławomir, Drobnik Jarosław, Pobrotyn Piotr, Grata-Borkowska Urszula, Furtak-Pobrotyn Joanna, Banaś Tomasz, Małecki Krzysztof, Grochans Elżbieta, Grochans Szymon, Cybulska Anna Maria, Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Czerw Natalia, Marczak Michał, Sierocka Aleksandra, Kozłowski Remigiusz
TO: Advanced and metastatic triple negative breast cancer - potential new treatment.
CZ: Cancers
SZ: 2025 : vol. 17, nr 7, id. art. 1183, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
3.
AU: Pajewska Monika, Partyka Olga, Czerw Aleksandra, Sygit Katarzyna, Wojtyła-Buciora Paulina, Porada Sławomir, Gąska Izabela, Konieczny Magdalena, Grochans Elżbieta, Cybulska Anna Maria, Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Drobnik Jarosław, Pobrotyn Piotr, Waśko-Czopnik Dorota, Pobrotyn Julia, Wiatkowski Adam, Strzępek Łukasz, Marczak Michał, Czapla Tomasz, Kozłowski Remigiusz
TO: Alcohol use disorder - stress, sense of coherence, and its impact on satisfaction with life.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 17, id. art. 6183, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
4.
AU: Nowicki Grzegorz Józef, Cybulska Anna Maria, Polak Maciej, Grochans Elżbieta, Bohatyrewicz Romuald, Blicharska Eliza, Czernecki Tomasz, Adamczuk Agnieszka, Łapot Magdalena, Ślusarska Barbara
TO: Assessment of the association between anthropometric indices related to overweight and obesity and selected trace elements and heavy metals: A cross-sectional study.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 19, id. art. 3141, 17 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
5.
AU: Hawryłkowicz Viktoria, Stasiewicz Beata, Korus Sebastian, Krauze Wiktoria, Rachubińska Kamila, Grochans Elżbieta, Stachowska Ewa
TO: Associations between dietary patterns and the occurrence of hospitalization and gastrointestinal disorders - a retrospective study of COVID-19 patients.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 5, id. art. 800, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
6.
AU: Mikla Marzena, Cybulska Anna Maria, Rios Antonio, Panczyk Mariusz, Rachubińska Kamila, Kotwas Artur, Karakiewicz Beata, Grochans Elżbieta, Schneider-Matyka Daria
TO: Attitudes of polish medical students toward organ donation.
CZ: Front. Public Health
SZ: 2025 : vol. 13, id. art. 1531140, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
7.
AU: Curyło Mateusz, Zabojszcz Michał, Tkaczyk Lidia, Iwolska Jaromira, Mikos Marcin, Strzępek Łukasz, Czerw Aleksandra, Partyka Olga, Pajewska Monika, Głowacka Mariola, Frydrysiak-Brzozowska Adrianna, Sienkiewicz Zofia, Dykowska Grażyna, Sygit Katarzyna, Lyubinets Oleh, Gąska Izabela, Konieczny Magdalena, Grochans Elżbieta, Cybulska Anna M., Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Drobnik Jarosław, Pobrotyn Piotr, Waśko-Czopnik Dorota, Pobrotyn Julia, Wiatkowski Adam, Marczak Michał, Iltchev Petre, Kozlowski Remigiusz
TO: Coping as a moderator for the relationship between perceived stress and satisfaction with life in the group of uniformed personnel treated in mental health clinic.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 17, id. art. 6225, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000

8.
AU: Partyka Olga, Pajewska Monika, Czerw Aleksandra, Deptała Andrzej, Mękal Dominika, Sygit Katarzyna, Kowalczyk Dariusz, Cipora Elżbieta, Kaczmarski Mateusz, Gazdowicz Lucyna, Dykowska Grażyna, Sienkiewicz Zofia, Banaś Tomasz, Małecki Krzysztof, Grochans Elżbieta, Grochans Szymon, Cybulska Anna Maria, Schneider-Matyka Daria, Bandurska Ewa, Bandurski Tomasz, Drobnik Jarosław, Pobrotyn Piotr, Marczak Michał, Kozłowski Remigiusz
TO: Current progress in clinical research in secondary prevention and early detection of colorectal cancer.
CZ: Cancers
SZ: 2025 : vol. 17, nr 3, id. art. 367, 27 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
9.
AU: Gąska Izabela, Czerw Aleksandra, Pajewska Monika, Partyka Olga, Deptała Andrzej, Badowska-Kozakiewicz Anna, Czerw Natalia, Mękal Dominika, Sygit Katarzyna, Wojtyła-Blicharska Katarzyna, Drobnik Jarosław, Pobrotyn Piotr, Waśko-Czopnik Dorota, Wiatkowski Adam, Marczak Michał, Czapla Tomasz, Bandurska Ewa, Ciećko Weronika, Grochans Elżbieta, Cybulska Anna M., Schneider-Matyka Daria, Rachubińska Kamila, Kozłowski Remigiusz
TO: Direct and indirect costs of prostate cancer: A comprehensive assessment of economic and social impact.
CZ: Cancers
SZ: 2025 : vol. 17, nr 19, id. art. 3257, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
10.
AU: Cybulska Anna Maria, Czeryna Izabela, Derezińska Aleksandra, Nowak Marta, Majkowska Lilianna, Schneider-Matyka Daria, Grochans Elżbieta, Rachubińska Kamila
TO: Nurses attitudes toward patient death and coping strategies: a cross-sectional study in Poland.
CZ: Front. Public Health
SZ: 2025 : vol. 13, id. art. 1670848, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
11.
AU: Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia, Pilarczyk Renata, Schneider-Matyka Daria, Kot Karolina, Grzeszczak Konrad, Pyzia Joanna, Grochans Elżbieta
TO: Ocular symptoms in pre- and perimenopausal woman infected with Demodex spp.
CZ: Pathogens
SZ: 2025 : vol. 14, nr 3, id. art. 297, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000
12.
AU: Szalast Krystyna, Nowicki Grzegorz Józef, Pietrzak Mariola, Mastalerz-Migas Agnieszka, Biesiada Aleksander, Grochans Elżbieta, Ślusarska Barbara
TO: Parental attitudes, motivators and barriers toward children's vaccination in Poland: a scoping review.
CZ: Vaccines
SZ: 2025 : vol. 13, nr 1, id. art. 41, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.400
Pkt. MNiSW: 140.000
13.
AU: Cybulska Anna Maria, Schneider-Matyka Daria, Walaszek Ireneusz, Panczyk Mariusz, Ćwiek Dorota, Lubkowska Anna, Grochans Elżbieta, Rachubińska Kamila, Malewicz Katarzyna, Chabowski Mariusz
TO: Predictive biomarkers for cardiometabolic risk in postmenopausal women: insights into visfatin, adropin, and adiponectin.
CZ: Front. Endocrinol. (Lausanne)
SZ: 2025 : vol. 16, id. art. 1527567, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 4.600
Pkt. MNiSW: 100.000
14.
AU: Czerw Aleksandra, Deptała Andrzej, Głowacka Mariola, Partyka Olga, Pajewska Monika, Czerw Natalia, Badowska-Kozakiewicz Anna, Sygit Katarzyna, Kopczyński Zygmunt, Czarnywojtek Piotr, Gąska Izabela, Kaczmarski Mateusz, Banaś Tomasz, Grochans Elżbieta, Grochans Szymon, Cybulska Anna M., Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Dykowska Grażyna, Sienkiewicz Zofia, Drobnik Jarosław, Pobrotyn Piotr, Grata-Borkowska Urszula, Furtak-Pobrotyn Joanna, Sierocka Aleksandra, Marczak Michał, Pokorna-Kałwak Dagmara, Kozłowski Remigiusz
TO: Prostate cancer - research advances in early detection.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 9, id. art. 3067, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
15.
AU: Czerw Natalia, Deptała Andrzej, Badowska-Kozakiewicz Anna, Czerw Aleksandra, Partyka Olga, Pajewska Monika, Sygit Katarzyna, Michalska Magdalena, Gąska Izabela, Dykowska Grażyna, Sienkiewicz Zofia, Grochans Elżbieta, Grochans Szymon, Cybulska Anna, Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Drobnik Jarosław, Pobrotyn Piotr, Furtak-Pobrotyn Joanna, Pokorna-Kałwak Dagmara, Grata-Borkowska Urszula, Marczak Michał, Iltchev Petre, Kozłowski Remigiusz
TO: Screening in gastrointestinal malignancies - recent trials and advancements.
CZ: Cancers
SZ: 2025 : vol. 17, nr 6, id. art. 975, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
16.
AU: Schneider-Matyka Daria, Cybulska Anna Maria, Rachubińska Kamila, Pilarczyk Bogumiła, Panczyk Mariusz, Grochans Elżbieta, Ćwiek Dorota, Bojar Iwona, Brodowski Jacek
TO: Serum selenium and age as predictors of metabolic health in middle-aged women: a regression-based study.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 9, id. art. 1429, 17 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
17.
AU: Gąska Izabela, Czerw Aleksandra, Pajewska Monika, Partyka Olga, Deptała Andrzej, Badowska-Kozakiewicz Anna, Czerw Natalia, Mękal Dominika, Sygit Katarzyna, Malikowska Klaudia, Drobnik Jarosław, Pobrotyn Piotr, Waśko-Czopnik Dorota, Sowiński Tomasz, Bandurska Ewa, Ciećko Weronika, Grochans Elżbieta, Cybulska Anna Maria, Schneider-Matyka Daria, Rachubińska Kamila, Iltchev Petre, Czapla Tomasz, Kozłowski Remigiusz
TO: Social burden and healthcare costs of colorectal cancer.
CZ: Cancers
SZ: 2025 : vol. 17, nr 22, id. art. 3678, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
18.
AU: Młynarska-Antochów Katarzyna, Kamińska-Abdelrehim Magdalena, Cybulska Anna Maria, Panczyk Mariusz, Kupcewicz Ewa, Grochans Elżbieta
TO: Sociodemographic and work-related variables affecting achievement

motivation assessed with the LMI among professionally active nurses under study.
CZ: Sci. Rep.
SZ: 2025 : vol. 15, nr 1, id. art. 40143, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
19.
AU: Cybulska Anna Maria, Rachubińska Kamila, Grochans Elżbieta, Bosiacki Mateusz, Simińska Donata, Korbecki Jan, Lubkowska Anna, Panczyk Mariusz, Kuczyńska Magdalena, Schneider-Matyka Daria
TO: Systemic inflammation indices, chemokines, and metabolic markers in perimenopausal women.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 17, id. art. 2885, 19 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
20.
AU: Gąska Izabela, Czerw Aleksandra, Pajewska Monika, Partyka Olga, Deptała Andrzej, Badowska-Kozakiewicz Anna, Budzik Michał, Sygit Katarzyna, Wojtyła-Buciora Paulina, Drobnik Jarosław, Pobrotyn Piotr, Waśko-Czopnik Dorota, Pobrotyn Julia, Bandurska Ewa, Ciećko Weronika, Grochans Elżbieta, Cybulska Anna M., Schneider-Matyka Daria, Rachubińska Kamila, Iltchev Petre, Czapla Tomasz, Kozłowski Remigiusz
TO: The cost of breast cancer: economic and social perspective.
CZ: Cancers
SZ: 2025 : vol. 17, nr 18, id. art. 3012, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
21.
AU: Schneider-Matyka Daria, Cybulska Anna Maria, Panczyk Mariusz, Andruszkiewicz Anna, Dyk Danuta, Gaworska-Krzemińska Aleksandra, Gniadek Agnieszka, Kozieł Dorota, Kupcewicz Ewa, Młynarska Agnieszka, Lewko Jolanta, Ślusarska Barbara, Śniegocka Magdalena, Grochans Elżbieta, Rachubińska Kamila
TO: The impact of self-efficacy on substance use in nursing students: the mediating role of sense of coherence.
CZ: BMC Nurs.
SZ: 2025 : vol. 24, nr 1, id. art. 809, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
22.
AU: Jeżuchowska Alicja, Schneider-Matyka Daria, Rachubińska Kamila, Reginia Artur, Panczyk Mariusz, Ćwiek Dorota, Grochans Elżbieta, Cybulska Anna Maria
TO: Coping strategies and adherence in people with mood disorder: a cross-sectional study.
CZ: Front. Psychiatry
SZ: 2024 : vol. 15, id. art. 1400951, 9 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200
Pkt. MNiSW: 100.000
23.
AU: Kupcewicz Ewa, Cybulska Anna Maria, Schneider-Matyka Daria, Jastrzębski Paweł, Bentkowska Aleksandra, Grochans Elżbieta
TO: Global self-esteem and coping with stress by Polish students during the COVID-19 pandemic.
CZ: Front. Public Health
SZ: 2024 : vol. 12, id. art. 1419771, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
24.
AU: Kupcewicz Ewa, Schneider-Matyka Daria, Rachubińska Kamila, Jastrzębski Paweł, Bentkowska Aleksandra, Grochans Elżbieta
TO: Health behaviours and the quality of life of students of medical fields during the COVID-19 pandemic.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 11, id. art. 1747, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
25.
AU: Czerw Aleksandra, Deptała Andrzej, Partyka Olga, Pajewska Monika, Wiśniewska Ewa, Sygit Katarzyna, Wysocki Sławomir, Cipora Elżbieta, Konieczny Magdalena, Banaś Tomasz, Małecki Krzysztof, Grochans Elżbieta, Grochans Szymon, Cybulska Anna M., Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Drobnik Jarosław, Pobrotyn Piotr, Grata-Borkowska Urszula, Furtak-Pobrotyn Joanna, Sierocka Aleksandra, Marczak Michał, Kozłowski Remigiusz
TO: Lung cancer screening - trends and current studies
CZ: Cancers
SZ: 2024 : vol. 16, nr 1, id. art. 2691, 10 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
26.
AU: Czerw Aleksandra, Deptała Andrzej, Partyka Olga, Pajewska Monika, Badowska-Kozakiewicz Anna, Budzik Michał, Sygit Katarzyna, Kopczyński Zygmunt, Czarnywojtek Piotr, Cipora Elżbieta, Konieczny Magdalena, Banaś Tomasz, Grochans Elżbieta, Grochans Szymon, Cybulska Anna Maria, Schneider-Matyka Daria, Bandurska Ewa, Ciećko Weronika, Drobnik Jarosław, Pobrotyn Piotr, Grata-Borkowska Urszula, Furtak-Pobrotyn Joanna, Sierocka Aleksandra, Marczak Michał, Kozłowski Remigiusz
TO: New screening methods in melanoma.
CZ: Cancers
SZ: 2024 : vol. 16, nr 24, id. art. 4186, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
27.
AU: Kupcewicz Ewa, Rachubińska Kamila, Cybulska Anna Maria, Jastrzębski Paweł, Bentkowska Aleksandra, Grochans Elżbieta
TO: Positive orientation and feelings of loneliness among Polish students during the COVID-19 pandemic.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 11, id. art. 3192, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
28.
AU: Rachubińska Kamila, Cybulska Anna Maria, Szylińska Aleksandra, Kupcewicz Ewa, Ćwiek Dorota, Walaszek Ireneusz, Grochans Elżbieta
TO: Psychosocial functioning of individuals at risk of developing compulsive buying disorder.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 5, id. art. 1339, 14 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
29.
AU: Rachubińska Kamila, Cybulska Anna Maria, Kupcewicz Ewa, Panczyk Mariusz, Ślusarska Barbara, Grochans Elżbieta, Schneider-Matyka Daria
TO: The relationship between depressiveness and eating behaviors among women.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 2, id. art. 195, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000

Pkt. MNiSW: 140.000
30.
AU: Nowicki Grzegorz Józef, Schneider-Matyka Daria, Godlewska Iwona, Tytuła Andrzej, Kotus Marzena, Walec Monika, Grochans Elżbieta, Ślusarska Barbara
TO: The relationship between the strength of religious faith and spirituality in relation to post-traumatic growth among nurses caring for COVID-19 patients in eastern Poland: a cross-sectional study.
CZ: Front. Psychiatry
SZ: 2024 : vol. 14, id. art. 1331033, 10 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200
Pkt. MNiSW: 100.000
31.
AU: Konecka Mariola, Kuczyńska Magdalena, Schneider-Matyka Daria, Stanisławska Marzanna, Grochans Elżbieta, Kamińska Magdalena
TO: Analysis of changes in the selected nutritional parameters of patients within a year from the admission to the Enteral Nutrition Clinic.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 8, id. art. 1803, 11 s. tab. bibliogr summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
32.
AU: Rachubińska Kamila, Panczyk Mariusz, Sygut Marcin, Ustianowski Przemysław, Grochans Elżbieta, Cybulska Anna Maria
TO: Exploring factors influencing depression among Polish nurses during the COVID-19 pandemic.
CZ: Front. Public Health
SZ: 2023 : vol. 11, id. art. 1272082, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 100.000
33.
AU: Pajewska Monika, Partyka Olga, Czerw Aleksandra, Deptała Andrzej, Cipora Elżbieta, Gąska Izabela, Wojtaszek Marek, Sygit Katarzyna, Sygit Marian, Krzych-Fałta Edyta, Schneider-Matyka Daria, Cybulska Anna M., Grochans Elżbieta, Asendrych-Woźniak Alicja, Romanowicz Agnieszka, Drobnik Jarosław, Bandurska Ewa, Ciećko Weronika, Maciuszek-Bartkowska Barbara, Curyło Mateusz, Wróbel Kacper, Kozłowski Remigiusz, Marczak Michał
TO: Management of metastatic pancreatic cancer-comparison of global guidelines over the last 5 years.
CZ: Cancers
SZ: 2023 : vol. 15, nr 17, id. art. 4400, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.500
Pkt. MNiSW: 200.000
34.
AU: Kamińska Magdalena Sylwia, Schneider-Matyka Daria, Rachubińska Kamila, Panczyk Mariusz, Grochans Elżbieta, Cybulska Anna Maria
TO: Menopause predisposes women to increased risk of cardiovascular disease.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 22, id. art. 7058, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
35.
AU: Baśkiewicz-Hałasa Magdalena, Stachowska Ewa, Grochans Elżbieta, Maciejewska-Markiewicz Dominika, Buhner Leonard, Skonieczna-Żydecka Karolina, Hałasa Maciej
TO: Moderate dose bovine colostrum supplementation in prevention of upper respiratory tract infections in medical university students: a randomized, triple blind, placebo-controlled trial.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 8, id. art. 1925, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
36.
AU: Rachubińska Kamila, Cybulska Anna, Schneider-Matyka Daria, Panczyk Mariusz, Kupcewicz Ewa, Kamińska Magdalena, Grochans Elżbieta
TO: Personality traits and risk of eating disorders among Polish women: the moderating role of self-esteem.
CZ: Front. Psychiatry
SZ: 2023 : vol. 14, id. art. 1281898, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 3.200
Pkt. MNiSW: 140.000
37.
AU: Rachubińska Kamila, Cybulska Anna Maria, Kupcewicz Ewa, Panczyk Mariusz, Grochans Szymon, Walaszek Ireneusz, Grochans Elżbieta
TO: Personality traits and the degree of work addiction among Polish women: the mediating role of depressiveness.
CZ: Front. Public Health
SZ: 2023 : vol. 11, id. art. 1305734, 10 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.000
Pkt. MNiSW: 100.000
38.
AU: Kamińska Magdalena Sylwia, Lubkowska Anna, Panczyk Mariusz, Walaszek Ireneusz, Grochans Szymon, Grochans Elżbieta, Cybulska Anna Maria
TO: Relationships of body mass index, relative fat mass index, and waist circumference with serum concentrations of parameters of chronic inflammation.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 12, id. art. 2789, 16 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
39.
AU: Schneider-Matyka Daria, Cybulska Anna Maria, Szkup Małgorzata, Pilarczyk Bogumiła, Panczyk Mariusz, Lubkowska Anna, Sadowska Nikola, Grochans Elżbieta
TO: Selenium as a factor moderating depression and obesity in middle-aged women.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 7, id. art. 1594, 16 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
40.
AU: Schneider-Matyka Daria, Cybulska Anna, Szkup Małgorzata, Pilarczyk Bogumiła, Panczyk Mariusz, Tomza-Marciniak Agnieszka, Grochans Elżbieta
TO: Selenium as a predictor of metabolic syndrome in middle age women.
CZ: Aging (Albany, NY)
SZ: 2023 : vol. 15, nr 6, s. 1734-1747, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
41.
AU: Kamińska Magdalena Sylwia, Rachubińska Kamila, Grochans Szymon, Skonieczna-Żydecka Karolina, Cybulska Anna Maria, Grochans Elżbieta, Karakiewicz Beata
TO: The impact of whey protein supplementation on sarcopenia progression among the elderly: a systematic review and meta-analysis.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 9, id. art. 2039, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG

IF: 4.800
Pkt. MNiSW: 140.000
42.
AU: Cybulska Anna Maria, Rachubińska Kamila, Stanisławska Marzanna, Grochans Szymon, Cymbaluk-Płoska Aneta, Grochans Elżbieta
TO: Analysis of factors related to mental health, suppression of emotions, and personality influencing coping with stress among nurses.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 16, id. art. 9777, 16 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
43.
AU: Rachubińska Kamila, Cybulska Anna Maria, Sołek-Pastuszka Joanna, Panczyk Mariusz, Stanisławska Marzanna, Ustianowski Przemysław, Grochans Elżbieta
TO: Assessment of psychosocial functioning of Polish nurses during COVID-19 pandemic.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 3, id. art. 1435, 14 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
44.
AU: Kostecka Dominika, Schneider-Matyka Daria, Jurewicz Alina, Kamińska Magdalena, Barczak Katarzyna, Grochans Elżbieta
TO: Body composition analysis in perimenopausal women considering the influence of vitamin D, menstruation, sociodemographic factors, and stimulants used.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 23, id. art. 15831, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
45.
AU: Kupcewicz Ewa, Mikla Marzena, Kadučáková Helena, Grochans Elżbieta, Roldán Valcarcel Maria Dolores, Cybulska Anna Maria
TO: Correlation between positive orientation and control of anger, anxiety and depression in nursing students in Poland, Spain and Slovakia during the COVID-19 pandemic.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 4, id. art. 2482, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
46.
AU: Cybulska Anna Maria, Rachubińska Kamila, Skonieczna-Żydecka Karolina, Drozd Arleta, Pawlik Jolanta, Stachowska Ewa, Cymbaluk-Płoska Aneta, Grochans Elżbieta
TO: Correlations between fatty acid profile and body fat distribution in postmenopausal women - a cross sectional study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 18, id. art. 3865, 15 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
47.
AU: Nowak Marta, Rachubińska Kamila, Starczewska Małgorzata, Kupcewicz Ewa, Szylińska Aleksandra, Cymbaluk-Płoska Aneta, Grochans Elżbieta
TO: Correlations between problematic mobile phone use and depressiveness and daytime sleepiness, as well as perceived social support in adolescents.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 20, id. art. 13549, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
48.
AU: Kupcewicz Ewa, Rachubińska Kamila, Gaworska-Krzemińska Aleksandra, Andruszkiewicz Anna, Kawalec-Kajstura Ewa, Kozieł Dorota, Młynarska Katarzyna, Grochans Elżbieta
TO: Determinants of the impact of fatigue on the health of Polish nursing students during the COVID-19 pandemic.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 20, id. art. 6034, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
49.
AU: Schneider-Matyka Daria, Skwirczyńska Edyta, Gaur Maria, Hukowska-Szematowicz Beata, Kwiatkowski Sebastian, Mikla Marzena, Grochans Elżbieta, Cymbaluk-Płoska Aneta
TO: Evaluation of the influence of biological factors during the course of treatment in patients with ovarian cancer.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 17, id. art. 10516, 14 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
50.
AU: Kupcewicz Ewa, Rachubińska Kamila, Gaworska-Krzemińska Aleksandra, Andruszkiewicz Anna, Kuźmicz Ilona, Kozieł Dorota, Grochans Elżbieta
TO: Health behaviours among nursing students in Poland during the COVID-19 pandemic.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 12, id. art. 2638, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
51.
AU: Kupcewicz Ewa, Mikla Marzena, Kadučáková Helena, Schneider-Matyka Daria, Grochans Elżbieta
TO: Health behaviours and the sense of optimism in nursing students in Poland, Spain and Slovakia during the COVID-19 pandemic.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 4, id. art. 2388, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
52.
AU: Gotlib Joanna, Jaworski Janusz, Cieślak Ilona, Sobierajski Tomasz, Wawrzuta Dominik, Małkowski Piotr, Dobrowolska Beata, Dyk Danuta, Gaworska-Krzemińska Aleksandra, Grochans Elżbieta, Kózka Maria, Lewko Jolanta, Uchmanowicz Izabella, Panczyk Mariusz
TO: How psychological variables maybe correlated with willingness to get COVID-19 vaccine: a nationwide cross-sectional study of Polish novice nurses.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 23, id. art. 15787, 14 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
53.
AU: Kupcewicz Ewa, Mikla Marzena, Kadučáková Helena, Grochans Elżbieta
TO: Loneliness and satisfaction with life among nursing students in Poland, Spain and Slovakia during the COVID-19 pandemic.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 5, id. art. 2929, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
54.
AU: Rachubińska Kamila, Cybulska Anna Maria, Kupcewicz Ewa, Jurewicz Alina, Panczyk Mariusz, Cymbaluk-Płoska Aneta, Jurczak Justyna, Grochans Elżbieta
TO: Loneliness and the degree of addiction to shopping and work among Polish Women: The mediating role of depression.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 21, id. art. 6288, 13 s. il. tab. bibliogr. summ.
CF: foreign article

CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
55.
AU: Kupcewicz Ewa, Rachubińska Kamila, Gaworska-Krzemińska Aleksandra, Andruszkiewicz Anna, Kawalec-Kajstura Ewa, Kozieł Dorota, Basińska Małgorzata A., Grochans Elżbieta
TO: Positive orientation and fatigue experienced by Polish nursing students during the COVID-19 pandemic: The Mediatory Role of Emotional Control.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 11, id. art. 2971, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
56.
AU: Młynarska Katarzyna, Grochans Elżbieta, Kamińska Magdalena Sylwia, Cybulska Anna Maria, Panczyk Mariusz, Kupcewicz Ewa
TO: Sociodemographic and work-related variables affecting knowledge of, attitudes toward, and skills in EBNP of nurses according to an EBPPQ.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 14, id. art. 8548, 18 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
57.
AU: Kisielska Agnieszka, Schneider-Matyka Daria, Rachubińska Kamila, Ustanowski [Ustianowski] Przemysław, Rybicka Anita, Grochans Elżbieta
TO: The impact of socio-demographic factors on the functioning of liver transplant patients.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 7, id. art. 4230, 14 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
58.
AU: Cybulska Anna Maria, Schneider-Matyka Daria, Bosiacki Mateusz, Chlubek Dariusz, Panczyk Mariusz, Grochans Elżbieta
TO: The levels of bioelements in postmenopausal women with metabolic syndrome.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 19, id. art. 4102, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

Name:	KAROLINA SKONIECZNA-ZYDECKA
Title/Degree:	Prof. dr. n. med. and n. o zdr.
Organizational unit (department/department/clinic):	Department of Biochemical Research
Position:	Professor
Email address for business contact:	karzyd@pum.edu.pl
Represented scientific discipline:	100% health sciences

1. Education and degrees obtained

Institution	Grade	Completion date	Field
August Cieszkowski Agricultural Academy in Poznań	M.Sc.	2006	Biotechnology
Pomeranian Medical University in Szczecin	Dr. n. med.	2013	Medical Biology
Pomeranian Medical University in Szczecin	Dr. hab	2019	Medical and Health Sciences
Pomeranian Medical University in Szczecin	Professor	2022	Medical and Health Sciences

2. Scientific employment - career progression

- December 2012 - September 2013: Technical employee of the Independent Medical Biology Laboratory, Faculty of Health Sciences, Pomeranian Medical University in Szczecin.
- October 2013 - December 2013: Assistant of the Independent Medical Biology Laboratory, Faculty of Health Sciences, Pomeranian Medical University in Szczecin.
- December 2013 - April 2017: Assistant/Associate Professor of Gerontobiology,Faculty of Health Sciences, Pomeranian Medical University in Szczecin.
- May 2017-February 2021: Assistant Professor of the Department of Human Nutrition and Metabolomics,Faculty of Health Sciences, Pomeranian Medical University Szczecin.
- September 2020-Present: Associate Dean for Academic Affairs, Faculty of Health Sciences, Pomeranian Medical University in Szczecin.
- March 2021-Present: Head of the Independent Biochemical Research Laboratory/Department of Biochemical Research, Faculty of Health Sciences, Pomeranian Medical University in Szczecin, Poland.

3. Specialties:

2006 - industrial biotechnology and food microbiology

4. Research area(s) and scientific interests

Prof. Karolina Skonieczna-Zydecka, MD, PhD, specializes in the study of the gut microbiota and its impact on the brain-gut axis. Her interests include:

- Disorders of microbiota composition and their importance in the pathogenesis of neuropsychiatric, autoimmune and metabolic diseases;
- The biological mechanisms responsible for the permeability of the intestinal barrier and its clinical consequences;
- The use of probiotics and psychobiotics as therapeutic tools in improving mental health and overall body functioning;
- Biomedical research methodology, with a focus on quantitative research and data synthesis analyses (meta-analyses).

The research she is conducting is translational, with the goal of implementing the results into clinical practice.

5. Research projects

- Imminent Disease Prediction and Prevention at the Environment Host Interface (IMMEDIATE) - Horizon Europe 2022, Call: HORIZON-HLTH-2022-STAYHLTH-02, Project no: 101095540 Role: WP3 Manager, budget for PUM: approx. PLN 1,300,000.

- Collaborative Outcomes Study on Health and Functioning During Infection Times (COH-FIT) - international project (>200 researchers from >40 countries). Role: Manager of the Polish part. Amount: 300,000 EUR.
- OPUS 53; 2024 The role of gut microbiota in the treatment of epilepsy: experimental studies. Role: contractor

6. Promotorship in doctoral theses (completed and in progress)

Lead Promoter: 4 people (in progress)
Associate Promoter: 4 persons (3 completed)

7. Activity in scientific organizations, bodies, expert teams, etc.

- Nationwide expert on categorization and evaluation of scientific entities for the period 2017-2021 in criteria I and II and III.
- Scientific Manager of the course: Personal Training as part of the project "Progressio - Integrated Development of Pomeranian Medical University in Szczecin" co-financed by the European Social Fund under the Operational Program Knowledge Education Development 2014-2020, contract number POWR.03.05.00-00-Z090/17-00 dated 21.05.2018. This project had 3 ed, and upon their completion, nearly 90 students from PUM in Szczecin were certified as personal trainers (credentials honored by the Register of Professional Schools and Fitness Instructors; https://repspolska.pl/).
- Academic Manager of Postgraduate Studies at PUM in Szczecin titled "Data Analysis and Management of Clinical Trials" implemented from the project "Procuratio - development of people performing administrative and managerial activities in the health care system". - Agreement No. POWR.05.02.00-00-0019/18-00 co-financed by the European Union under the European Social Fund.
- Collaboration with probiotic company-Sanprobi (http://www.sanprobi.pl/produkcja) on clinical trial methodology using probiotics and laboratory analysis of the gut microbiome
- Collaborating with the Human Biome Institute (https://human-biome.com/) as a scientific consultant to develop microbiota-based solutions for real help for patients with intestinal dysbiosis, particularly those infected with *Clostridioides difficile* and antibiotic-resistant bacteria.
- Collaboration with A-mansia Biotech (https://www.a-mansia.com/), on the Horizon 2022 project, the exclusive producer of *Akkermansia muciniphila*

8. Awards, prizes, certificates - related to scientific or teaching activities

- 2021; Award of the Minister of Health of the Republic of Poland for significant achievements in the field of scientific activity with particular emphasis on the series of publications on the analysis of factors regulating the brain-gut axis.
- 2021; Comijsi Medal of National Education.
- 2019, Bronze Medal at the IPITEX 2019 International Exhibition of Intellectual Property, Inventions and Innovation for the work entitled. "High-fiber bar dedicated to people with sedentary lifestyles at risk of obesity."
- CRU /2446/2019/CTT - License for the solution produced within the framework of the Minigrant entitled "Clinical trials of a high-fiber bar dedicated to people with sedentary lifestyles at risk of obesity."
- CRU / 677/2020 / CTT - Intellectual Property Rights License for the solution titled "Medical bakery products to help treat people with non-alcoholic steatohepatitis".

9. Academic commitment and competence to support scientific and teaching activities:

Prof. Karolina Skonieczna-Zydecka actively combines scientific and teaching activities, as well as the broad promotion of science and the training of young academic staff. Her involvement includes, among others:

- **Organization and conduct of specialized training** - manager and lecturer of the certified course "Personal Training with accreditation of the Register of Professional Schools and Fitness Instructors (REPS Poland)", co-implemented under the *Progressio* program (POWR.03.05.00-00-Z090/17-00);
- **Conducting postgraduate** studies - scientific director of the course *"Data Analysis and Management of Clinical Trials"* under the *Procuratio* project (POWR.05.02.00-00-0019/18-00), aimed at medical and administrative staff of the health care system;
- **Participation in scientific and popularization conferences** - active participant in numerous scientific events (including international congresses within the framework of IMMEDIATE and COH-FIT projects), both as a speaker, member of scientific committees, and organizer of thematic sessions;
- **Mentoring and training of young staff** - acting as lead and assistant promoter in doctoral dissertations; involvement in joint grants and publications involving doctoral students and young scientists;
- **Inter-institutional and international cooperation** - a well-developed network of cooperation with scientific centers in Poland (Warsaw, Krakow, Bialystok, Katowice, Wroclaw) and abroad (including Max-Delbrück-Center - Berlin, Weizmann Institute - Israel, Imperial College London, Karolinska Institutet, University of Milan and others), which translates into joint projects, publications, academic exchanges and internships;

- **Organizational experience** - organization of clinical and research courses and workshops; coordination of recruitment and promotional activities for EU projects and majors;
- **Upgrading qualifications** - continuous improvement of competencies through participation in national and international training courses in research methodology, biostatistics, meta-analysis, scientific communication and modern teaching methods.

10. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	327	196	230	792.157	19962

Number of citations of publications according to the Scopus database: 3563 – as of 15 May 2025
Hirsch index according to Scopus: 31 – as of 15 May 2025

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Wiącek Jakub, Skonieczna-Żydecka Karolina, Łoniewski Igor, Styburski Daniel, Kaczmarczyk Mariusz, Karolkiewicz Joanna
TO: A randomized controlled trial evaluating the effects of a probiotic containing Lactobacillus helveticus R0052 and Bifidobacterium longum R0175 on gastrointestinal symptoms and metabolomic profiles in female dancers.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 12, id. art. 5823, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
2.
AU: Solmi Marco, Thompson Trevor, Cortese Samuele, Estradé Andrés, Agorastos Agorastos, Radua Joaquim, Dragioti Elena, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schlögelhofer Monika, Aschauer Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Do Cuénod Kim Q., von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiano, Saccon Diego, Righi Elena, Monaco Francesco, Croatto Giovanni, Cereda Guido, Demurtas Jacopo, Brondino Natascia, Veronese Nicola, Enrico Paolo, Politi Pierluigi, Ciappolino Valentina, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pal, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Luiz Jhoanne Merlyn, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsborg Per, Hoffmann Sofie Have, Sehli Jihed, Sartorius Norman, Heuss Sabina, Guinart Daniel, Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, San José Cáceres Antonia, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Andrlíková Eva, Janků Karolina, Millan Mark J., Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Darcin Asli Enez, Aksu Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kurokawa Shunya, Tazawa Yuki, Anselmi Alejandro, Cracco Cecilia, Machado Ana Inés, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Carvalho Andre F., Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Horodnic Adrian Vasile, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winkel Ruud, Ng Bernardo, Pena Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sheybani Farshad, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ristic Dragana Ignjatovic, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: Collaborative outcomes study on health and functioning during infection times (COH-FIT): Global and risk-group stratified course of well-being and mental health during the COVID-19 pandemic in adolescents.
CZ: J. Am. Acad. Child Adolesc. Psychiatry
SZ: 2025 : vol. 64, nr 4, s. 499-519, bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 9.500
Pkt. MNiSW: 140.000
3.
AU: Solmi Marco, Thompson Trevor, Cortese Samuele, Estradé Andrés, Agorastos Agorastos, Radua Joaquim, Dragioti Elena, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schlögelhofer Monika, Aschauer Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Cuénod Kim Q Do, von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiano, Saccon Diego, Righi Elena, Monaco Francesco, Croatto Giovanni, Cereda Guido, Demurtas Jacopo, Brondino Natascia, Veronese Nicola, Enrico Paolo, Politi Pierluigi, Ciappolino Valentina, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pál, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Jhoanne Merlyn Luiz, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsborg Per, Hoffmann Sofie Have, Sehli Jihed, Sartorius Norman, Heuss Sabina, Guinart Daniel, Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, Cáceres Antonia San José, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Andrlíková Eva, Janků Karolina, Millan Mark J., Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Darcin Asli Enez, Aksu

Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kurokawa Shunya, Tazawa Yuki, Anselmi Alejandro, Cracco Cecilia, Machado Ana Inés, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Carvalho Andre F., Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Horodnic Adrian Vasile, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winkel Ruud, Ng Bernardo, Pena de León Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sheybani Farshad, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ristic Dragana Ignjatovic, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: Collaborative outcomes study on health and functioning during infection times (COH-FIT): Insights on modifiable and non-modifiable risk and protective factors for wellbeing and mental health during the COVID-19 pandemic from multivariable and network analyses.
CZ: Eur. Neuropsychopharmacol.
SZ: 2025 : vol. 90, s. 1-15, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.700
Pkt. MNiSW: 140.000

4.
AU: Misera Agata, Kaczmarczyk Mariusz, Łoniewski Igor, Liśkiewicz Paweł, Podsiadło Konrad, Misiak Błażej, Skonieczna-Żydecka Karolina, Samochowiec Jerzy
TO: Comparative analysis of gut microbiota in major depressive disorder and schizophrenia during hospitalisation - the case-control, post hoc study.
CZ: Psychoneuroendocrinology
SZ: 2025 : vol. 171, id. art. 107208, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.600
Pkt. MNiSW: 140.000

5.
AU: Kiszkiel Łukasz, Sowa Paweł, Laskowski Piotr Paweł, Alimowski Maciej, Moniuszko-Malinowska Anna, Szczerbiński Łukasz, Sołomacha Sebastian, Skonieczna-Żydecka Karolina, Samochowiec Jerzy, Solmi Marco, Thompson Trevor, Estradé Andrés, Correll Christoph U., Kamiński Karol
TO: COVID-19 conspiracy beliefs in Poland. Predictors, psychological and social impact and adherence to public health guidelines over one year.
CZ: Sci. Rep.
SZ: 2025 : vol. 15, nr 1, id. art. 16274, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000

6.
AU: Gawlik-Kotelnicka Oliwia, Sobczak Marharyta, Palma Joanna, Popławska Marta, Skonieczna-Żydecka Karolina, Plewka Maksymilian, Pawliczak Rafał, Strzelecki Dominik
TO: Does isovaleric acid play a key role in the interaction between probiotics and antidepressants? A secondary analysis of a randomized clinical trial.
CZ: Comput. Struct. Biotechnol. J.
SZ: 2025 : vol. 27, s. 2275-2287, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.100
Pkt. MNiSW: 100.000

7.
AU: Dąbkowski Krzysztof, Skonieczna-Żydecka Karolina, Gaweł Katarzyna, Marlicz Wojciech, Szredzki Piotr, Białek Andrzej
TO: Endoscopic submucosal dissection and transanal endoscopic microsurgery in the treatment of rectal neuroendocrine tumors. Systematic review and meta-analysis of the observational studies.
CZ: Clin. Transl. Gastroenterol.
SZ: 2025 : vol. 16, nr 10, id. art. e00882, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000

8.
AU: Ratajczak-Zacharko Weronika, Skonieczna-Żydecka Karolina, Laszczyńska Maria, Sipak Olimpia, Lubkowska Anna
TO: Identification of an intestinal microbiota enterotypes in ageing man diagnosed with benign prostatic hyperplasia (BPH).
CZ: Sci. Rep.
SZ: 2025 : vol. 15, nr 1, id. art. 15603, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000

9.
AU: Aksak-Wąs Bogusz, Skonieczna-Żydecka Karolina, Parczewski Miłosz, Hrynkiewicz Rafał, Lewandowski Filip, Serwin Karol, Mielczak Kaja, Majchrzak Adam, Bruss Mateusz, Niedźwiedzka-Rystwej Paulina
TO: Immunorecovered but exhausted: persistent PD-1/PD-L1 expression despite virologic suppression and CD4 recovery in PLWH.
CZ: Biomedicines
SZ: 2025 : vol. 13, nr 8, id. art. 1885, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000

10.
AU: Aksak-Wąs Bogusz, Skonieczna-Żydecka Karolina, Parczewski Miłosz, Hrynkiewicz Rafał, Lewandowski Filip, Serwin Karol, Mielczak Kaja, Majchrzak Adam, Lenkiewicz Franciszek, Niedźwiedzka-Rystwej Paulina
TO: Influence of PD-1 and PD-1L immune exhaustion receptors on immune reconstruction in people living with HIV.
CZ: J. Immunol. Res.
SZ: 2025 : vol. 2025, 462382, 10 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.600
Pkt. MNiSW: 100.000

11.
AU: Jakubczyk Karolina, Melkis Klaudia, Maciejewska-Markiewicz Dominika, Muzykiewicz-Szymańska Anna, Nowak Anna, Skonieczna-Żydecka Karolina
TO: Innovative approaches to enhancing kombucha through flavour additives: a phytochemical and antioxidant analysis.
CZ: Food Funct.
SZ: 2025 : vol. 16, nr 4, s. 1442-1457, il.tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.400
Pkt. MNiSW: 100.000

12.
AU: Kaczmarczyk Mariusz, Kędzierska-Kapuza Karolina, Skonieczna-Żydecka Karolina, Surówka Anna, Drożdżal Sylwester, Lechowicz Kacper, Buszman Mariusz, Szkudlarek Urszula, Cembrowska-Lech Danuta, Podsiadło Konrad, Samborowska Emilia, Łoniewski Igor, Ciechanowski Kazimierz
TO: Modulating effects of microbiota on synbiotic intervention outcomes for microbiota-derived trimethylamine, trimethylamine N-oxide and indoxyl sulfate in healthy young medical students: insights from a 12-week randomized clinical trial.
CZ: J. Transl. Med.
SZ: 2025 : vol. 23, nr 1, id. art. 1287, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.500
Pkt. MNiSW: 100.000

13.
AU: Aksak-Wąs Bogusz, Skonieczna-Żydecka Karolina, Parczewski Miłosz, Hrynkiewicz Rafał, Lewandowski Filip, Serwin Karol, Mielczak Kaja, Lenkiewicz Franciszek, Niedźwiedzka-Rystwej Paulina
TO: Rethinking HIV treatment: How non-integrase strand regimens may hold the key to better immune health.
CZ: HIV Med.

SZ: 2025 : vol. 26, nr 6, s. 879-887, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.200
Pkt. MNiSW: 100.000
14.
AU: Karska Julia, Skonieczna-Żydecka Karolina, Jakubiak Natalia, Czarnecka Wiktoria, Misiak Błażej
TO: Short-chain fatty acids in mood and schizophrenia spectrum disorders: Evidence in the field and translational perspectives.
CZ: Prog. Neuropsychopharmacol. Biol. Psychiatry
SZ: 2025 : vol. 140, id. art. 111430, 59 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
15.
AU: Krynicka Patrycja, Kaczmarczyk Mariusz, Skonieczna-Żydecka Karolina, Cembrowska-Lech Danuta, Podsiadło Konrad, Dąbkowski Krzysztof, Gaweł Katarzyna, Botke Natalia, Zawada Iwona, Ławniczak Małgorzata, Białek Andrzej, Marlicz Wojciech
TO: The burden of irritable bowel syndrome and functional dyspepsia in Poland: a cross-sectional study from West Pomeranian Voivodship.
CZ: BMC Gastroenterol.
SZ: 2025 : vol. 25, nr 1, id. art. 8, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 2.600
Pkt. MNiSW: 100.000
16.
AU: Zawodny Piotr, Zawodny Paweł, Kulaszyńska Monika, Stój Elżbieta, Knap-Czechowska Anna, Skonieczna Żydecka Karolina, Sieńko Jerzy
TO: The efficacy of 532/755 nm laser therapy for facial pigmented and vascular lesions: a systematic review and meta-analysis.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 8, id. art. 2546, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
17.
AU: Szczepkowski Marek, Witkowski Piotr, Przywózka-Suwała Alicja, Skonieczna-Żydecka Karolina, Starzyńska Teresa, Dąbkowski Krzysztof
TO: Transanal endoscopic microsurgery in the treatment of rectal neuroendocrine tumors: a retrospective 10-year single-center experience.
CZ: Langenbecks Arch. Surg.
SZ: 2025 : vol. 410, id. art. 137, 6 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 1.800
Pkt. MNiSW: 100.000
18.
AU: Krynicka Patrycja, Kaczmarczyk Mariusz, Skonieczna-Żydecka Karolina, Styburski Daniel, Podsiadło Konrad, Cembrowska-Lech Danuta, Dąbkowski Krzysztof, Deskur Anna, Rogoza-Mateja Wiesława, Ławniczak Małgorzata, Białek Andrzej, Koulaouzidis Anastasios, Marlicz Wojciech
TO: Untargeted metabolomic profiling of colonic mucosa in individuals with irritable bowel syndrome.
CZ: Biomedicines
SZ: 2025 : vol. 13, nr 3, id. art. 629, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
19.
AU: Klepinowski Tomasz, Skonieczna Żydecka Karolina, Łoniewski Igor, Pettersson Samuel D., Wierzbicka-Woś Anna, Kaczmarczyk Mariusz, Palma Joanna, Sawicki Marcin, Taterra Dominik, Poncyljusz Wojciech, Alshafai Nabeel S., Stachowska Ewa, Ogilvy Christopher S., Sagan Leszek
TO: A prospective pilot study of gut microbiome in cerebral vasospasm and delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage.
CZ: Sci. Rep.
SZ: 2024 : vol. 14, nr 1, id. art. 17617, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
20.
AU: Karaboycheva Gergana, Conrad Melanie L., Dörr Peggy, Dittrich Katja, Murray Elena, Skonieczna Żydecka Karolina, Kaczmarczyk Mariusz, Łoniewski Igor, Klawitter Heiko, Buss Claudia, Entringer Sonja, Binder Elisabeth, Winter Sibylle M., Heim Christine
TO: Altered gut microbiota patterns in young children with recent maltreatment exposure.
CZ: Biomolecules
SZ: 2024 : vol. 14, nr 10, id. art. 1313, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.500
Pkt. MNiSW: 100.000
21.
AU: Zabielska Paulina, Szkup Małgorzata, Kotwas Artur, Skonieczna-Żydecka Karolina, Karakiewicz Beata
TO: Association between symptoms of depression and inflammatory parameters in people aged over 90 years.
CZ: BMC Geriatr.
SZ: 2024 : vol. 24, nr 1, id. art. 317, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 100.000
22.
AU: Olędzki Szymon, Siennicka Aldona, Maciejewska-Markiewicz Dominika, Stachowska Ewa, Jakubiak Natalia, Kiedrowicz Radosław, Jakubczyk Karolina, Skonieczna-Żydecka Karolina, Gutowska Izabela, Kaźmierczak Jarosław
TO: Calcitriol concentration in the early phase of myocardial infarction and its relation to left ventricular ejection fraction.
CZ: Metabolites
SZ: 2024 : vol. 14, nr 12, id. art. 686, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
23.
AU: Kojder Klaudyna, Jarosz Konrad, Andrzejewska Agata, Sołek-Pastuszka Joanna, Skonieczna-Żydecka Karolina, Kaczmarczyk Mariusz, Jurczak Anna
TO: Cerebrolysin in patients diagnosed with subarachnoid hemorrhage-the results of an observational cohort study.
CZ: Biomedicines
SZ: 2024 : vol. 12, nr 11, id. art. 2492, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
24.
AU: Solmi Marco, Croatto Giovanni, Gupta Arnav, Fabiano Nicholas, Wong Stanley, Fornaro Michele, Schneider Lynne Kolton, Rohani-Montez S. Christy, Fairley Leanne, Smith Nathalie, Bitter István, Gorwood Philip, Taipale Heidi, Tiihonen Jari, Cortese Samuele, Dragioti Elena, Rietz Ebba Du, Nielsen Rene Ernst, Firth Joseph, Fusar-Poli Paolo, Hartman Catharina, Holt Richard I. G., Hoye Anne, Koyanagi Ai, Larsson Henrik, Lehto Kelli, Lindgren Peter, Manchia Mirko, Nordentoft Merete, Skonieczna-Żydecka Karolina, Stubbs Brendon, Vancampfort Davy, De Prisco Michele, Boyer Laurent, Vieta Eduard, Correll Christoph U.
TO: Effects of antipsychotic treatment on cardio-cerebrovascular related mortality in schizophrenia: A subanalysis of a systematic review and meta-analysis with meta-regression of moderators.
CZ: Eur. Neuropsychopharmacol.
SZ: 2024 : vol. 88, s. 6-20, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.700
Pkt. MNiSW: 140.000

25.
AU: Wiącek Jakub, Podgórski Tomasz, Kusy Krzysztof, Łoniewski Igor, Skonieczna Żydecka Karolina, Karolkiewicz Joanna
TO: Evaluating the impact of probiotic therapy on the endocannabinoid system, pain, sleep and fatigue: a randomized, double-blind, placebo-controlled trial in dancers.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 7, id. art. 5611, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
26.
AU: Zawodny Piotr, Wahidi Nicole, Zawodny Paweł, Duchnik Ewa, Stój Elżbieta, Malec Wiola Rozalia, Kulaszyńska Monika, Skonieczna-Żydecka Karolina, Sieńko Jerzy
TO: Evaluation of the efficacy of the 755 nm picosecond laser in eliminating pigmented skin lesions after a single treatment based on photographic analysis with polarised light.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 2, id. art. 304, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
27.
AU: Jakubczyk Karolina, Łopusiewicz Łukasz, Kika Joanna, Janda-Milczarek Katarzyna, Skonieczna-Żydecka Karolina
TO: Fermented tea as a food with functional value - its microbiological profile, antioxidant potential and phytochemical composition.
CZ: Foods
SZ: 2024 : vol. 13, nr 1, id. art. 50, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.100
Pkt. MNiSW: 100.000
28.
AU: Solmi Marco, Thompson Trevor, Estradé Andrés, Agorastos Agorastos, Radua Joaquim, Cortese Samuele, Dragioti Elena, Leisch Friedrich, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schlögelhofer Monika, Aschauer Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Do Cuénod Kim Q., von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiao, Saccon Diego, Righi Elena, Monaco Francesco, Giovanni Croatto, Guido Cereda, Jacopo Demurtas, Brondino Natascia, Veronese Nicola, Paolo Enrico, Pierluigi Politi, Valentina Ciappolino, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pál, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Luiz Jhoanne Merlyn, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsborg Per, Hoffmann Sofie Have, Sehli Jihed, Sartorius Norman, Heuss Sabina, Guinart Daniel, Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, San José Cáceres Antonia, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Andrlíková Eva, Janků Karolina, Millan Mark J., Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Enez Darcin Asli, Aksu Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kurokawa Shunya, Tazawa Yuki, Anselmi Alejandro, Cracco Cecilia, Machado Ana Inés, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Carvalho Andre F., Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Vasile Horodnic Adrian, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winkel Ruud, Ng Bernardo, Pena Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sheybani Farshad, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ignjatovic Ristic Dragana, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Gerdle Björn, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: Global and risk-group stratified well-being and mental health during the COVID-19 pandemic in adults: Results from the international COH-FIT Study.
CZ: Psychiatry Res.
SZ: 2024 : vol. 342, id. art. 115972, 31 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
29.
AU: Kaźmierczak-Siedlecka Karolina, Maciejewska-Markiewicz Dominika, Dobrucki Iwona T., Gruszczyńska Agata, Herman-Iżycka Julita, Wyleżoł Mariusz, Petriczko Karolina Katarzyna, Palma Joanna, Jakubczyk Karolina, Janda-Milczarek Katarzyna, Skonieczna-Żydecka Karolina, Stachowska Ewa
TO: Gut microbiome - how does two-month consumption of fiber-enriched rolls change microbiome in patients suffering from MASLD?
CZ: Nutrients
SZ: 2024 : vol. 16, nr 8, id. art. 1173, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
30.
AU: Kopera Katarzyna, Gromowski Tomasz, Wydmański Witold, Skonieczna-Żydecka Karolina, Muszyńska Agata, Zielińska Kinga, Wierzbicka-Woś Anna, Kaczmarczyk Mariusz, Kadaj-Lipka Roland, Cembrowska-Lech Danuta, Januszkiewicz Kornelia, Kotfis Katarzyna, Witkiewicz Wojciech, Nalewajska Magdalena, Feret Wiktoria, Marlicz Wojciech, Łoniewski Igor, Łabaj Paweł P., Rydzewska Grażyna, Kosciołek Tomasz
TO: Gut microbiome dynamics and predictive value in hospitalized COVID-19 patients: a comparative analysis of shallow and deep shotgun sequencing.
CZ: Front. Microbiol.
SZ: 2024 : vol. 15, id. art. 1342749, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.500
Pkt. MNiSW: 100.000
31.
AU: Mruk-Mazurkiewicz Honorata, Kulaszyńska Monika, Czarnecka Wiktoria, Podkówka Albert, Ekstedt Natalia, Zawodny Piotr, Wierzbicka-Woś Anna, Marlicz Wojciech, Skupin Błażej, Stachowska Ewa, Łoniewski Igor, Skonieczna-Żydecka Karolina
TO: Insights into the mechanisms of action of Akkermansia muciniphila in the treatment of non-communicable diseases.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 11, id. art. 1695, 29 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
32.
AU: Jakubczyk Karolina, Melkis Klaudia, Janda-Milczarek Katarzyna, Skonieczna-Żydecka Karolina
TO: Phenolic compounds and antioxidant properties of fermented beetroot juices enriched with different additives.
CZ: Foods
SZ: 2024 : vol. 13, nr 1, id. art. 102, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication

JP: ENG
IF: 5.100
Pkt. MNiSW: 100.000
33.
AU: Fabiano Nicholas, Gupta Arnav, Wong Stanley, Tran Jason, Mohammad Ibrahim Yz, Bal Shan, Fiedorowicz Jess G, Firth Joseph, Stubbs Brendon, Vancampfort Davy, Schuch Felipe B, Carr Lucas J, Shorr Risa, Cortese Samuele, Manchia Mirko, Hartman Catharina A, Hoye Anne, Fusar-Poli Paolo, Koyanagi Ai, Vieta Eduard, Nielsen Rene Ernst, Holt Richard I G, Correll Christoph U., Rietz Ebba Du, Taipale Heidi, Lehto Kelli, Larrson Henrik, Nordentoft Merete, Dragioti Elena, Skonieczna-Żydecka Karolina, Solmi Marco
TO: Physical activity, suicidal ideation, suicide attempt and death among individuals with mental or other medical disorders: A systematic review of observational studies.
CZ: Neurosci. Biobehav. Rev.
SZ: 2024 : vol. 158, id. art. 105547, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.900
Pkt. MNiSW: 200.000
34.
AU: Kaczmarek Krystian, Małkiewicz Bartosz, Gurwin Adam, Krawczyk Wiktor Meteusz, Skonieczna-Żydecka Karolina, Lemiński Artur
TO: Prognostic value of postneoadjuvant chemotherapy neutrophil-to-lymphocyte ratio in patients undergoing radical cystectomy.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 7, id. art. 1953, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
35.
AU: Solmi Marco, Croatto Giovanni, Fornaro Michele, Schneider Lynne Kolton, Rohani-Montez S Christy, Fairley Leanne, Smith Nathalie, Bitter Istvan, Gorwood Philip, Taipale Heidi, Tiihonen Jari, Cortese Samuele, Dragioti Elena, Du Rietz Ebba, Nielsen Rene Ernst, Firth Joseph, Fusar-Poli Paolo, Hartman Catharina, Holt Richard I G, Hoye Anne, Koyanagi Ai, Larsson Henrik, Lehto Kelli, Lindgren Peter, Manchia Mirko, Nordentoft Merete, Skonieczna-Żydecka Karolina, Stubbs Brendon, Vancampfort Davy, Boyer Laurent, De Prisco Michele, Vieta Eduard, Correll Christoph U.
TO: Regional differences in mortality risk and in attenuating or aggravating factors in schizophrenia: A systematic review and meta-analysis.
CZ: Eur. Neuropsychopharmacol.
SZ: 2024 : vol. 80, s. 55-69, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 6.700
Pkt. MNiSW: 140.000
36.
AU: Solmi Marco, Miola Alessandro, Capone Federico, Pallottino Simone, Hojlund Mikkel, Firth Joseph, Siskind Dan, Holt Richard Ig, Corbeil Olivier, Cortese Samuele, Dragioti Elena, Du Rietz Ebba, Nielsen Rene Ernst, Nordentoft Merete, Fusar-Poli Paolo, Hartman Catharina A., Hoye Anne, Koyanagi Ai, Larsson Henrik, Lehto Kelli, Lindgren Peter, Manchia Mirko, Skonieczna-Żydecka Karolina, Stubbs Brendon, Vancampfort Davy, Vieta Eduard, Taipale Heidi, Correll Christoph U.
TO: Risk factors, prevention and treatment of weight gain associated with the use of antidepressants and antipsychotics: a state-of-the-art clinical review.
CZ: Expert. Opin. Drug Saf.
SZ: 2024 : vol. 23, nr 10, s. 1249-1269, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.100
Pkt. MNiSW: 100.000
37.
AU: Solmi Marco, Croatto Giovanni, Fabiano Nicholas, Wong Stanley, Gupta Arnav, Fornaro Michele, Schneider Lynne Kolton, Rohani-Montez S Christy, Fairley Leanne, Smith Nathalie, Bitter Istvan, Gorwood Philip, Taipale Heidi, Tiihonen Jari, Cortese Samuele, Dragioti Elena, Rietz Ebba Du, Nielsen Rene Ernst, Firth Joseph, Fusar-Poli Paolo, Hartman Catharina, Holt Richard I G, Hoye Anne, Koyanagi Ai, Larsson Henrik, Lehto Kelli, Lindgren Peter, Manchia Mirko, Nordentoft Merete, Skonieczna-Żydecka Karolina, Stubbs Brendon, Vancampfort Davy, Vieta Eduard, De Prisco Michele, Boyer Laurent, Hojlund Mikkel, Correll Christoph U.
TO: Sex-stratified mortality estimates in people with schizophrenia: A systematic review and meta-analysis of cohort studies of 2,700,825 people with schizophrenia.
CZ: Eur. Neuropsychopharmacol.
SZ: 2025 : vol. 91, s. 56-66, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.700
Pkt. MNiSW: 140.000
38.
AU: Jarosz Konrad, Kojder Klaudyna, Skonieczna Żydecka Karolina, Andrzejewska Agata, Sołek-Pastuszka Joanna, Jurczak Anna
TO: The effects of neuromonitoring and cerebrolysin administration on outcomes in patients with traumatic brain injury- an interventional pilot study.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 2, id. art. 353, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
39.
AU: Kulaszyńska Monika, Kwiatkowski Sebastian, Skonieczna-Żydecka Karolina
TO: The iron metabolism with a specific focus on the functioning of the nervous system.
CZ: Biomedicines
SZ: 2024 : vol. 12, nr 3, id. art. 595, 17 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
40.
AU: Hawryłkowicz Viktoria, Stasiewicz Beata, Maciejewska Dominika, Sołek-Pastuszka Joanna, Komorniak Natalia, Skonieczna-Żydecka Karolina, Martynova-Van Kley Alexandra, Stachowska Ewa
TO: The link between inflammation, lipid derivatives, and microbiota metabolites in COVID-19 patients: implications on eating behaviors and nutritional status.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 14, id. art. 7899, 19 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
41.
AU: Jakubczyk Karolina, Szymczykowska Kinga, Melkis Klaudia, Maciejewska-Markiewicz Dominika, Nowak Anna, Muzykiewicz-Szymańska Anna, Skonieczna-Żydecka Karolina
TO: The role of light in enhancing the nutritional and antioxidant qualities of basil, mint and lemon balm.
CZ: Foods
SZ: 2024 : vol. 13, nr 23, id. art. 3954, 29 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.100
Pkt. MNiSW: 100.000
42.
AU: Kaźmierczak-Siedlecka Karolina, Muszyński Damian, Styburski Daniel, Makarewicz Jakub, Sobocki Bartosz Kamil, Ulasiński Paweł, Połom Karol, Stachowska Ewa, Skonieczna-Żydecka Karolina, Kalinowski Leszek
TO: Untargeted metabolomics in gastric and colorectal cancer patients - preliminary results.
CZ: Front. Cell. Infect. Microbiol.
SZ: 2024 : vol. 14, id. art. 1394038, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Review article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 100.000
43.

AU: Skwirczyńska Edyta, Chudecka-Głaz Anita, Wróblewski Oskar, Tejchman Karol, Skonieczna-Żydecka Karolina, Piotrowiak Michał, Michalczyk Kaja, Karakiewicz Beata
TO: Age matters: the moderating effect of age on styles and strategies of coping with stress and self-esteem in patients with neoplastic prostate hyperplasia.
CZ: Cancers
SZ: 2023 : vol. 15, nr 5, id. art. 1450, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.500
Pkt. MNiSW: 200.000
44.
AU: Łoniewska Beata, Fraszczyk-Tousty Magda, Tousty Piotr, Skonieczna-Żydecka Karolina, Maciejewska-Markiewicz Dominika, Łoniewski Igor
TO: Analysis of fecal short-chain fatty acids (SCFAs) in healthy children during the first two years of life: An observational prospective cohort study.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 2, id. art. 367, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
45.
AU: Zawodny Piotr, Malec Wiola, Gill Kamil, Skonieczna-Żydecka Karolina, Sieńko Jerzy
TO: Assessment of the effectiveness of treatment of vascular lesions within the facial skin with a laser with a wavelength of 532 nm based on photographic diagnostics with the use of polarized light.
CZ: Sensors (Basel)
SZ: 2023 : vol. 23, nr 2, id. art. 1010, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
46.
AU: Marlicz Wojciech, Koulaouzidis Anastasios, Charisopoulou Dafni, Jankowski Janusz, Marlicz Maria, Skonieczna-Żydecka Karolina, Krynicka Patrycja, Łoniewski Igor, Samochowiec Jerzy, Rydzewska Grażyna, Koulaouzidis George
TO: Burnout in healthcare - the Emperors New Clothes.
CZ: Prz. Gastroenterol.
SZ: 2023 : vol. 18, nr 3, s. 274-280, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
IF: 1.700
Pkt. MNiSW: 100.000
47.
AU: Mruk-Mazurkiewicz Honorata, Kulaszyńska Monika, Jakubczyk Karolina, Janda-Milczarek Katarzyna, Czarnecka Wiktoria, Rębacz-Maron Ewa, Zacha Sławomir, Sieńko Jerzy, Zeair Samir, Dalewski Bartosz, Marlicz Wojciech, Łoniewski Igor, Skonieczna-Żydecka Karolina
TO: Clinical relevance of gut microbiota alterations under the influence of selected drugs - updated review.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 3, id. art. 952, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
48.
AU: Misera Agata, Łoniewski Igor, Palma Joanna, Kulaszyńska Monika, Czarnecka Wiktoria, Kaczmarczyk Mariusz, Liśkiewicz Paweł, Samochowiec Jerzy, Skonieczna-Żydecka Karolina
TO: Clinical significance of microbiota changes under the influence of psychotropic drugs. An updated narrative review.
CZ: Front. Microbiol.
SZ: 2023 : vol. 14, id. art. 1125022, 16 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.000
Pkt. MNiSW: 140.000
49.
AU: Sielatycka Katarzyna, Śliwa-Dominiak Joanna, Radaczyńska Martyna, Juzwa Wojciech, Kaczmarczyk Mariusz, Marlicz Wojciech, Skonieczna Żydecka Karolina, Łoniewski Igor
TO: Dynamics of active fluorescent units (AFU) and water activity (aw) changes in probiotic products -pilot study.
CZ: Foods
SZ: 2023 : vol. 12, nr 21, id. art. 4018, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.700
Pkt. MNiSW: 140.000
50.
AU: Samochowiec Jerzy, Frydecka Dorota, Skonieczna-Żydecka Karolina, Schouler-Ocak Merryam, Carpiniello Bernardo, Chkonia Eka, Dom Geert, Falkai Peter, Misiak Błażej, da Costa Mariana Pinto, Wise Jan, De Picker Livia, Vahip Simavi, Wasserman Danuta, Galderisi Silvana, Bieńkowski Przemysław
TO: Ethical dilemmas in contemporary psychiatry: findings from a survey of national psychiatric associations in Europe.
CZ: Eur. Psychiatry
SZ: 2023 : vol. 66, nr 1, id. art. e94, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.200
Pkt. MNiSW: 100.000
51.
AU: Klepinowski Tomasz, Skonieczna-Żydecka Karolina, Pala Bartłomiej, Stachowska Ewa, Sagan Leszek
TO: Gut microbiome in intracranial aneurysm growth, subarachnoid hemorrhage, and cerebral vasospasm: a systematic review with a narrative synthesis.
CZ: Front. Neurosci.
SZ: 2023 : vol. 17, id. art. 1247151, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.200
Pkt. MNiSW: 140.000
52.
AU: Aksak-Wąs Bogusz, Kowalska Justyna D., Ząbek Piotr, Serwin Karol, Rafalska-Kosior Milena, Gołąb Joanna, Chober Daniel, Skonieczna-Żydecka Karolina, Hackiewicz Małgorzata, Parczewski Miłosz
TO: Immune restoration affects 10-year survival in people living with HIV/AIDS.
CZ: HIV Med.
SZ: 2023 : vol. 24, nr 3, s. 325-334, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
53.
AU: Kaczmarek Krystian, Małkiewicz Bartosz, Skonieczna-Żydecka Karolina, Lemiński Artur
TO: Influence of neoadjuvant chemotherapy on survival outcomes of radical cystectomy in pathologically proven positive and negative lymph nodes.
CZ: Cancers
SZ: 2023 : vol. 15, nr 19, id. art. 4901, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.500
Pkt. MNiSW: 200.000
54.
AU: Sieńko Jerzy, Kotowski Maciej, Czarnecka Wiktoria, Podkówka Albert, Tejchman Karol, Kotfis Katarzyna, Zeair Samir, Czajkowski Zenon, Skonieczna-Żydecka Karolina
TO: Microchimerism as post-transplant marker of a chronic rejection process.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 13, id. art. 10603, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG

IF: 4.900
Pkt. MNiSW: 140.000
55.
AU: Rog Joanna, Skonieczna-Żydecka Karolina, Juchnowicz Dariusz, Padała Olga, Łoniewski Igor, Budzyńska Barbara, Karakuła-Juchnowicz Hanna
TO: Mikrobiota jelitowa i markery związane z integralnością bariery jelitowej u pacjentów z jadłowstrętem psychicznym: przegląd systematyczny.
CZ: Psychiatr. Pol.
SZ: 2023 : vol. 57, nr 2, s. 355-374, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: POL
IF: 0.900
Pkt. MNiSW: 100.000
56.
AU: Baśkiewicz-Hałasa Magdalena, Stachowska Ewa, Grochans Elżbieta, Maciejewska-Markiewicz Dominika, Buhner Leonard, Skonieczna-Żydecka Karolina, Hałasa Maciej
TO: Moderate dose bovine colostrum supplementation in prevention of upper respiratory tract infections in medical university students: a randomized, triple blind, placebo-controlled trial.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 8, id. art. 1925, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
57.
AU: Łoniewski Igor, Szulińska Monika, Kaczmarczyk Mariusz, Podsiadło Konrad, Styburski Daniel, Skonieczna-Żydecka Karolina, Bogdański Paweł
TO: Multispecies probiotic affects fecal short-chain fatty acids in postmenopausal women with obesity: A post hoc analysis of a randomized, double-blind, placebo-controlled study.
CZ: Nutrition
SZ: 2023 : vol. 114, id. art. 112109, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.200
Pkt. MNiSW: 140.000
58.
AU: Kaźmierczak-Siedlecka Karolina, Bulman Nikola, Ulasiński Paweł, Sobocki Bartosz Kamil, Połom Karol, Marano Luigi, Kalinowski Leszek, Skonieczna-Żydecka Karolina
TO: Pharmacomicrobiomics of cell-cycle specific anti-cancer drugs - is it a new perspective for personalized treatment of cancer patients?
CZ: Gut Microbes
SZ: 2023 : vol. 15, nr 2, id. art. 2281017, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 12.200
Pkt. MNiSW: 100.000
59.
AU: Hałasa Maciej, Skonieczna-Żydecka Karolina, Machaliński Bogusław, Buhner Leonard, Baśkiewicz-Hałasa Magdalena
TO: Six weeks of supplementation with bovine colostrum effectively reduces URTIs symptoms frequency and gravity for up to 20 weeks in pre-school children.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 16, id. art. 3626, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
60.
AU: Janda-Milczarek Katarzyna, Szymczykowska Kinga, Jakubczyk Karolina, Kupnicka Patrycja, Skonieczna-Żydecka Karolina, Pilarczyk Bogumiła, Tomza-Marciniak Agnieszka, Ligenza Alicja, Stachowska Ewa, Dalewski Bartosz
TO: Spirulina supplements as a source of mineral nutrients in the daily diet.
CZ: Appl. Sci. (Basel)
SZ: 2023 : vol. 13, nr 2, id. art. 1011, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.500
Pkt. MNiSW: 100.000
61.
AU: Palma J[oanna], Maciejewska-Markiewicz D[ominika], Zgutka K[atarzyna], Piotrowska K[atarzyna], Skonieczna-Żydecka K[arolina], Stachowska E[wa]
TO: The analysis of fatty acids and their derivatives in the liver of C57BL/6 mice with long-term caloric restrictions.
CZ: Prostaglandins Other Lipid Mediat.
SZ: 2023 : vol. 169, id. art. 106764, 7 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.500
Pkt. MNiSW: 100.000
62.
AU: Andrzejewska Agata, Miegoń Jakub, Zacha Sławomir, Skonieczna-Żydecka Karolina, Jarosz Konrad, Zacha Wojciech, Biernawska Jowita
TO: The impact of intraoperative haemodynamic monitoring, prediction of hypotension and goal-directed therapy on the outcomes of patients treated with posterior fusion due to adolescent idiopathic scoliosis.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 14, 4571, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
63.
AU: Rył Aleksandra, Szylińska Aleksandra, Skonieczna-Żydecka Karolina, Miazgowski Tomasz, Rotter Iwona
TO: The impact of metabolic syndrome on bone mass in men: systematic review and meta-analysis.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 7, id. art. 1915, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
64.
AU: Kamińska Magdalena Sylwia, Rachubińska Kamila, Grochans Szymon, Skonieczna-Żydecka Karolina, Cybulska Anna Maria, Grochans Elżbieta, Karakiewicz Beata
TO: The impact of whey protein supplementation on sarcopenia progression among the elderly: a systematic review and meta-analysis.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 9, id. art. 2039, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
65.
AU: Solmi Marco, Thompson Trevor, Estradé Andrés, Agorastos Agorastos, Radua Joaquim, Cortese Samuele, Dragioti Elena, Leisch Friedrich, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schloegelhofer Monika, Aschauer Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Cuénod Kim Q Do, von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiano, Saccon Diego, Righi Elena, Monaco Francesco, Croatto Giovanni, Cereda Guido, Demurtas Jacopo, Brondino Natascia, Veronese Nicola, Enrico Paolo, Politi Pierluigi, Ciappolino Valentina, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pal, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Luiz Jhoanne Merlyn, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsborg Per, Hoffmann Sofie Have, Sehli Jihed, Sartorius Norman, Heuss Sabina, Guinart Daniel,

Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, Cáceres Antonia San José, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Andrlíková Eva, Janků Karolina, Millan Mark John, Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Darcin Asli Enez, Aksu Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kurokawa Shunya, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Horodnic Adrian Vasile, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winkel Ruud, Ng Bernardo, Pena Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sheybani Farshad, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ristic Dragana Ignjatovic, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Carvalho Andre F., Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Gerdle Björn, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: Validation of the collaborative outcomes study on health and functioning during infection times (COH-FIT) questionnaire for adults.
CZ: J. Affect. Disord.
SZ: 2023 : vol. 326, s. 249-261, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
66.
AU: Łoniewski Igor, Szulińska Monika, Kaczmarczyk Mariusz, Podsiadło Konrad, Styburski Daniel, Skonieczna-Żydecka Karolina, Bogdański Paweł
TO: Analysis of correlations between gut microbiota, stool short chain fatty acids, calprotectin and cardiometabolic risk factors in postmenopausal women with obesity: a cross-sectional study.
CZ: J. Transl. Med.
SZ: 2022 : vol. 20, nr 1, id. art. 585, 16 s. il. tab. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.400
Pkt. MNiSW: 100.000
67.
AU: Hałasa Maciej, Baśkiewicz-Hałasa Magdalena, Jamioł-Milc Dominika, Maciejewska-Markiewicz Dominika, Skonieczna-Żydecka Karolina
TO: Bovine colostrum supplementation in prevention of upper respiratory tract infections - Systematic review, meta-analysis and meta-regression of randomized controlled trials.
CZ: J. Funct. Foods
SZ: 2022 : vol. 99, id. art. 105316, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 100.000
68.
AU: Cybulska Anna Maria, Rachubińska Kamila, Skonieczna-Żydecka Karolina, Drozd Arleta, Pawlik Jolanta, Stachowska Ewa, Cymbaluk-Płoska Aneta, Grochans Elżbieta
TO: Correlations between fatty acid profile and body fat distribution in postmenopausal women - a cross sectional study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 18, id. art. 3865, 15 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
69.
AU: Nabrdalik Katarzyna, Skonieczna-Żydecka Karolina, Irlik Krzysztof, Hendel Mirela, Kwiendacz Hanna, Łoniewski Igor, Januszkiewicz Kornelia, Gumprecht Janusz, Lip Gregory Y. H.
TO: Gastrointestinal adverse events of metformin treatment in patients with type 2 diabetes mellitus: A systematic review, meta-analysis and meta-regression of randomized controlled trials.
CZ: Front. Endocrinol. (Lausanne)
SZ: 2022 : vol. 13, id. art. 975912, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.200
Pkt. MNiSW: 100.000
70.
AU: Stachowska Laura, Koziarska Dorota, Karakiewicz Beata, Kotwas Artur, Knyszyńska Anna, Folwarski Marcin, Dec Karolina, Stachowska Ewa, Hawryłkowicz Viktoria, Kulaszyńska Monika, Sołek-Pastuszka Joanna, Skonieczna-Żydecka Karolina
TO: Hepcidin (rs10421768), transferrin (rs3811647, rs1049296) and transferrin receptor 2 (rs7385804) gene polymorphism might be associated with the origin of multiple sclerosis.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6875, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
71.
AU: Sokołowska Katarzyna Ewa, Maciejewska-Markiewicz Dominika, Bińkowski Jan, Palma Joanna, Taryma-Leśniak Olga, Kozłowska-Petriczko Katarzyna, Borowski Konrad, Baśkiewicz-Hałasa Magdalena, Hawryłkowicz Viktoria, Załęcka Patrycja, Ufnal Marcin, Strapagiel Dominik, Jarczak Justyna, Skonieczna-Żydecka Karolina, Ryterska Karina, Machaliński Bogusław, Wojdacz Tomasz Kazimierz, Stachowska Ewa
TO: Identified in blood diet-related methylation changes stratify liver biopsies of NAFLD patients according to fibrosis grade.
CZ: Clin. Epigenetics
SZ: 2022 : vol. 14, nr 1, id. art. 157, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 5.700
Pkt. MNiSW: 140.000
72.
AU: Krajewski A., Maciejewska-Markiewicz D[ominika], Jakubczyk K[arolina], Markowska M[arta], Strużyna J., Mądry R., Mazurek M., Skonieczna-Żydecka K[arolina]
TO: Impact of multiple medical interventions on mortality, length of hospital stay and reepithelialization time in Toxic Epidermal Necrolysis, Steven-Johnsons Syndrome, and TEN/ SJS Overlap - Metanalysis and metaregression of observational studies.
CZ: Burns
SZ: 2022 : vol. 48, nr 2, s. 263-280, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.100
Pkt. MNiSW: 140.000
73.
AU: Lemiński Artur, Kaczmarek Krystian, Gołąb Adam, Kotfis Katarzyna, Skonieczna-Żydecka Karolina, Słojewski Marcin
TO: Increased one-year mortality among elderly patients after radical cystectomy for muscle-invasive bladder cancer: a retrospective, observational comparative study.
CZ: Clin. Interv. Aging
SZ: 2022 : vol. 17, s. 255-263, tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 3.600
Pkt. MNiSW: 100.000
74.
AU: Czerwińska-Rogowska Maja, Skonieczna-Żydecka Karolina, Kaseja Krzysztof, Jakubczyk Karolina, Palma Joanna, Bott-Olejnik Marta, Brzozowski Sławomir, Stachowska Ewa
TO: Kitchen diet vs. industrial diets - impact on intestinal barrier parameters among stroke patients.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 10, id. art. 6168, 11 s. il.tab. bibliogr. summ.
CF: foreign article

CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
75.
AU: Kaźmierczak-Siedlecka Karolina, Skonieczna-Żydecka Karolina, Hupp Theodore, Duchnowska Renata, Marek-Trzonkowska Natalia, Połom Karol
TO: Next-generation probiotics - do they open new therapeutic strategies for cancer patients?
CZ: Gut Microbes
SZ: 2022 : vol. 14, nr 1, id. art. e2035659, 13 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 12.200
Pkt. MNiSW: 100.000
76.
AU: Zabana Yamile, Tontini Gian, Hultgren-Hörnquist Elisabeth, Skonieczna-Żydecka Karolina, Latella Giovanni, Ostvik Ann-Elisabeth, Marlicz Wojciech, D'Amato Mauro, Arias Angel, Mielhke Stephan, Münch Andreas, Fernandez-Banares Fernando, Lucendo Alfredo J
TO: Pathogenesis of microscopic colitis: A systematic review.
CZ: J. Crohns Colitis
SZ: 2022 : vol. 16, nr 1, s. 143-161, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 8.000
Pkt. MNiSW: 140.000
77.
AU: Solmi Marco, Estradé Andrés, Thompson Trevor, Agorastos Agorastos, Radua Joaquim, Cortese Samuele, Dragioti Elena, Leisch Friedrich, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schloegelhofer Monika, Akimova Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Cuénod Kim Q Do, von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiano, Saccon Diego, Righi Elena, Monaco Francesco, Croatto Giovanni, Cereda Guido, Demurtas Jacopo, Brondino Natascia, Veronese Nicola, Enrico Paolo, Politi Pierluigi, Ciappolino Valentina, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pal, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Luiz Jhoanne Merlyn, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsbor Per, Hoffmann Sofie Have, Sartorius Norman, Heuss Sabina, Guinart Daniel, Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, Cáceres Antonia San José, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Fárková Eva, Janků Karolina, Millan Mark, Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Darcin Asli Enez, Aksu Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kurokawa Shunya, Tazawa Yuki, Anselmi Alejandro, Cracco Cecilia, Machado Ana Inés, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Horodnic Adrian Vasile, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winke Ruud, Ng Bernardo, Pena Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ristic Dragana Ignjatovic, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Carvalho Andre F., Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Gerdle Björn, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: Physical and mental health impact of COVID-19 on children, adolescents, and their families: The Collaborative Outcomes study on Health and Functioning during Infection Times - Children and Adolescents (COH-FIT-C&A).
CZ: J. Affect. Disord.
SZ: 2022 : vol. 299, s. 367-376, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 6.600
Pkt. MNiSW: 140.000
78.
AU: Stachowska Ewa, Maciejewska-Markiewicz Dominika, Palma Joanna, Mielko Karolina Anna, Qasem Badr, Kozłowska-Petriczko Katarzyna, Ufnal Marcin, Sokołowska Katarzyna Ewa, Hawryłkowicz Viktoria, Załęska Patrycja, Jakubczyk Karolina, Wunsch Ewa, Ryterska Karina, Skonieczna-Żydecka Karolina, Młynarz Piotr
TO: Precision nutrition in NAFLD: effects of a high-fiber intervention on the serum metabolome of NAFD patients - a pilot study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 24, id. art. 5355, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
79.
AU: Łoniewski Igor, Skonieczna-Żydecka Karolina, Sołek-Pastuszka Joanna, Marlicz Wojciech
TO: Probiotics in the management of mental and gastrointestinal post-COVID symptomes.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 17, id. art. 5155, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
80.
AU: Knyszyńska Anna, Skonieczna-Żydecka Karolina, Koziarska Dorota, Stachowska Laura, Kotwas Artur, Kulaszyńska Monika, Lubkowska Anna, Karakiewicz Beata
TO: Searching for the relationship between the concentration of heavy metals in the blood and the clinical course of multiple sclerosis: A cross-sectional study in Poland.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6548, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
81.
AU: Solmi Marco, Estradé Andrés, Thompson Trevor, Agorastos Agorastos, Radua Joaquim, Cortese Samuele, Dragioti Elena, Leisch Friedrich, Vancampfort Davy, Thygesen Lau Caspar, Aschauer Harald, Schloegelhofer Monika, Akimova Elena, Schneeberger Andres, Huber Christian G., Hasler Gregor, Conus Philippe, Cuénod Kim Q Do, von Känel Roland, Arrondo Gonzalo, Fusar-Poli Paolo, Gorwood Philip, Llorca Pierre-Michel, Krebs Marie-Odile, Scanferla Elisabetta, Kishimoto Taishiro, Rabbani Golam, Skonieczna-Żydecka Karolina, Brambilla Paolo, Favaro Angela, Takamiya Akihiro, Zoccante Leonardo, Colizzi Marco, Bourgin Julie, Kamiński Karol, Moghadasin Maryam, Seedat Soraya, Matthews Evan, Wells John, Vassilopoulou Emilia, Gadelha Ary, Su Kuan-Pin, Kwon Jun Soo, Kim Minah, Lee Tae Young, Papsuev Oleg, Manková Denisa, Boscutti Andrea, Gerunda Cristiano, Saccon Diego, Righi Elena, Monaco Francesco, Croatto Giovanni, Cereda Guido, Demurtas Jacopo, Brondino Natascia, Veronese Nicola, Enrico Paolo, Politi Pierluigi, Ciappolino Valentina, Pfennig Andrea, Bechdolf Andreas, Meyer-Lindenberg Andreas, Kahl Kai G., Domschke Katharina, Bauer Michael, Koutsouleris Nikolaos, Winter Sibylle, Borgwardt Stefan, Bitter Istvan, Balazs Judit, Czobor Pal, Unoka Zsolt, Mavridis Dimitris, Tsamakis Konstantinos, Bozikas Vasilios P., Tunvirachaisakul Chavit, Maes Michael, Rungnirundorn Teerayuth, Supasitthumrong Thitiporn, Haque Ariful, Brunoni Andre R., Costardi Carlos Gustavo, Schuch Felipe Barreto, Polanczyk Guilherme, Luiz Jhoanne Merlyn, Fonseca Lais, Aparicio Luana V., Valvassori Samira S., Nordentoft Merete, Vendsborg Per, Hoffmann Sofie

Have, Sehli Jihed, Sartorius Norman, Heuss Sabina, Guinart Daniel, Hamilton Jane, Kane John, Rubio Jose, Sand Michael, Koyanagi Ai, Solanes Aleix, Andreu-Bernabeu Alvaro, Cáceres Antonia San José, Arango Celso, Díaz-Caneja Covadonga M., Hidalgo-Mazzei Diego, Vieta Eduard, Gonzalez-Penas Javier, Fortea Lydia, Parellada Mara, Fullana Miquel A., Verdolini Norma, Fárkova Eva, Jankù Karolina, Millan Mark, Honciuc Mihaela, Moniuszko-Malinowska Anna, Łoniewski Igor, Samochowiec Jerzy, Kiszkiel Łukasz, Marlicz Maria, Sowa Paweł, Marlicz Wojciech, Spies Georgina, Stubbs Brendon, Firth Joseph, Sullivan Sarah, Darcin Asli Enez, Aksu Hatice, Dilbaz Nesrin, Noyan Onur, Kitazawa Momoko, Kitazawa Momoko, Tazawa Yuki, Anselmi Alejandro, Cracco Cecilia, Machado Ana Inés, Estrade Natalia, De Leo Diego, Curtis Jackie, Berk Michael, Ward Philip, Teasdale Scott, Rosenbaum Simon, Marx Wolfgang, Horodnic Adrian Vasile, Oprea Liviu, Alexinschi Ovidiu, Ifteni Petru, Turliuc Serban, Ciuhodaru Tudor, Bolos Alexandra, Matei Valentin, Nieman Dorien H., Sommer Iris, van Os Jim, van Amelsvoort Therese, Sun Ching-Fang, Guu Ta-Wei, Jiao Can, Zhang Jieting, Fan Jialin, Zou Liye, Yu Xin, Chi Xinli, de Timary Philippe, van Winke Ruud, Ng Bernardo, Pena Edilberto, Arellano Ramon, Roman Raquel, Sanchez Thelma, Movina Larisa, Morgado Pedro, Brissos Sofia, Aizberg Oleg, Mosina Anna, Krinitski Damir, Mugisha James, Sadeghi-Bahmani Dena, Sadeghi Masoud, Hadi Samira, Brand Serge, Errazuriz Antonia, Crossley Nicolas, Ristic Dragana Ignjatovic, López-Jaramillo Carlos, Efthymiou Dimitris, Kuttichira Praveenlal, Kallivayalil Roy Abraham, Javed Afzal, Afridi Muhammad Iqbal, James Bawo, Seb-Akahomen Omonefe Joy, Fiedorowicz Jess, Carvalho Andre F., Daskalakis Jeff, Yatham Lakshmi N., Yang Lin, Okasha Tarek, Dahdouh Aicha, Gerdle Björn, Tiihonen Jari, Shin Jae Il, Lee Jinhee, Mhalla Ahmed, Gaha Lotfi, Brahim Takoua, Altynbekov Kuanysh, Negay Nikolay, Nurmagambetova Saltanat, Jamei Yasser Abu, Weiser Mark, Correll Christoph U.
TO: The collaborative outcomes study on health and functioning during infection times in adults (COH-FIT-Adults): Design and methods of an international online survey targeting physical and mental health effects of the COVID-19 pandemic.
CZ: J. Affect. Disord.
SZ: 2022 : vol. 299, 393-407, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 6.600
Pkt. MNiSW: 140.000

82.
AU: Gudan Anna, Jamioł-Milc Dominika, Hawryłkowicz Viktoria, Skonieczna-Żydecka Karolina, Stachowska Ewa
TO: The prevalence of small intestinal bacterial overgrowth in patients with non-alcoholic liver diseases: NAFLD, NASH, fibrosis, cirrhosis. A systematic review, meta-analysis and meta-regression.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 24, id. art. 5261, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

83.
AU: Kaczmarczyk Mariusz, Szulińska Monika, Łoniewski Igor, Kręgielska-Narożna Matylda, Skonieczna Żydecka Karolina, Kosciołek Tomasz, Bezshapkin Valentyn, Bogdański Paweł
TO: Treatment with multi-species probiotics changes the functions, not the composition of gut microbiota in postmenopausal women with obesity: a randomized, double-blind, placebo-controlled study.
CZ: Front. Cell. Infect. Microbiol.
SZ: 2022 : vol. 12, id. art. 815798, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 5.700
Pkt. MNiSW: 100.000

84.
AU: Zawodny Piotr, Stój Elżbieta, Kulig Piotr, Skonieczna-Żydecka Karolina, Sieńko Jerzy
TO: VISIA Skin Analysis System as a tool to evaluate the reduction of pigmented skin and vascular lesions using the 532 nm laser.
CZ: Clin. Cosmet. Investig. Dermatol.
SZ: 2022 : vol. 15, s. 2187-2195, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 2.300
Pkt. MNiSW: 100.000

Name:	**EWA STACHOWSKA**
Title/Degree:	prof. dr hab.
Organizational unit (department/department/clinic):	Zakład Żywienia Człowieka i Metabolomiki ul. Broniewskiego 24, 71 - 460 Szczecin tel. 91 441 4806; fax. 91 441 4807
Position:	Head
Email address for business contact:	ewa.stachowska@pum.edu.pl
Represented scientific discipline:	100% health sciences

1. **Education and scientific degrees**
   - 1989 Master's degree in biology
   - 1994 Doctor of Medicine
   - 2000 Postgraduate studies in human nutrition
   - 2007 Habilitation
   - 2009 Associate professor
   - 2024 Master's degree in clinical dietetics
2. **Academic employment – career history**

- 1989 Assistant Trainee, Department of Biochemistry, Pomeranian Medical University
- 1990 Assistant, Department of Biochemistry, Pomeranian Medical University
- 2000 Assistant Professor, Department of Biochemistry, Pomeranian Medical University
- 2009 Head of the Independent Laboratory of Biochemistry and Medical Chemistry, Pomeranian Medical University/Department of Biochemistry and Human Nutrition, Pomeranian Medical University
- 2011 Head of the Department of Biochemistry and Human Nutrition, Pomeranian Medical University/Department of Biochemistry and Human Nutrition, Pomeranian Medical University
- 2023 Head of the Department of Human Nutrition and Metabolomics, Pomeranian Medical University/Department of Biochemistry and Human Nutrition, Pomeranian Medical University

3. **Specialization**
   –

4. **Research area(s) and scientific interests**
   Key research areas: nutrition in liver diseases, lipids and their role in nutrition, gut microbiota−
   Research projects

2022
- **Manager of "Support for a regular conference - Meetings with a functional dietitian"**
- Project manager at PUM: Ewa Stachowska, start date 01-10-2022, end date 31-03-2023, completed

2019
- Manager Search for early markers of improved liver metabolic function in people with non-alcoholic fatty liver disease treated with innovative prebiotic bread
- [DIALOG0102/DLG/2019/10] Project manager at PUM: Ewa Stachowska, start date 13-12-2019, end date 12-12-2021, completed

2019
- ManagerSearch for early markers of improved liver metabolic function in people with non-alcoholic fatty liver disease undergoing therapy with innovative prebiotic bread (baguette "Uniwersytecka")
- [0102/DLG/2019/10] Project manager at PUM: Ewa Stachowska, start date 13-12-2019, end date 12-12-2021, completed

2011
- CRON diet as an alternative for athletes ending their sports careers
- [2011/01/B/NZ7/04251] Project manager at PUM: Ewa Stachowska, start date 20-12-2011, end date 19-06-2014, completed

2010
- Manager Nutrigenomics as a tool for developing nutrition strategies for people with non-alcoholic fatty liver disease
- [N N404 150539] Project manager at PUM: Ewa Stachowska, start date 15-09-2010, end date 14-09-2013, completed

2010

- Project manager: Conjugated linoleic acid (CLA) as a factor regulating glucose metabolism in skeletal muscles
- [N N404 507438] Project manager at PUM: Ewa Stachowska, start date 12-04-2010, end date 11-07-2012, completed

5. Scientific supervision in doctoral dissertations (as well as completed and in progress)

- number of main supervisors 12
- number of assistant supervisors 0

6. Academic commitment and competence to support scientific and teaching activities:

- training and courses, improving scientific and teaching qualifications,

2021 – Master's degree in Clinical Dietetics

- participation in scientific and science popularization conferences,

- Organization of the annual scientific conference Meetings with Functional Dietetics, popular lectures at national conferences on clinical nutrition for hepatologists, dermatologists, surgeons, lectures for dietitians

- training of young staff,

-- scientific, training and teaching internships,

- **1995**- Postgraduate studies in Food Technology and Human Nutrition at the Agricultural University in Szczecin.
- **2002** (November-December) - Course in chromatographic techniques/gas chromatography; Pomeranian Medical University

2004 (June) - Course in tissue culture - Department of Transplantology, Collegium Medicum, Jagiellonian University, Krakow

2005 (June) - Summer School of Stem Cells, Collegium Medicum, Jagiellonian University, Krakow

2006 (January) - Advanced course in Western blot protein separation techniques, Pomeranian Medical University

2009 (March) - Course/conference: Diagnostics in the prevention and treatment of digestive system diseases, Poznań

2011 (January) - The role of the researcher in clinical trials, training, Szczecin, Training financed by the program Dietician - a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program

2011 (January) - Practical aspects of research monitoring, training, Szczecin, Training financed by the program Dietician – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program training in gas chromatography for dietitians

2010 (December) - **2011** (March) Gas chromatography, mass spectrometry, training, Szczecin, Training financed by the program Dietician – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program

2011 (June) Liquid chromatography, training, Szczecin, Training financed by the program Dietician – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program

- **2012** (February) Statistical calculations used in dietetics, training, Szczecin, Training financed by the program Dietician – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program
- **2012** (June) Global Health and Individualized Nutrition – San Sebastian course organized by the University of Navarra
- **2012** (November) Nutrition in kidney disease training, Szczecin, Training financed by the program Dietitian – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program
- 2012 (December) Study visit to Strydehlyde University (Glasgow), Training financed by the program Dietician – a sought-after specialist in the health promotion and protection system co-financed by the European Social Fund, under sub-measure 4.1.1 “Strengthening the teaching potential of universities”; Priority IV “Higher education and science”, Human Capital Operational Program

-- inter-university, inter-center or international cooperation.

- University of Navarra

7. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	525	150	232	471.828	12626

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Hawryłkowicz Viktoria, Stasiewicz Beata, Korus Sebastian, Krauze Wiktoria, Rachubińska Kamila, Grochans Elżbieta, Stachowska Ewa
TO: Associations between dietary patterns and the occurrence of hospitalization and gastrointestinal disorders - a retrospective study of COVID-19 patients.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 5, id. art. 800, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
2.
AU: Grążlewski Tomasz, Kucharska-Mazur Jolanta, Samochowiec Jerzy, Reginia Artur, Liśkiewicz Paweł, Michalczyk Anna, Misiak Błażej, Kaczmarczyk Mariusz, Stachowska Ewa
TO: Gut microbiota alterations in patients with panic disorder: A case-control study.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 17, id. art. 2772, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
3.
AU: Komorniak Natalia, Gaweł Katarzyna, Deskur Anna, Pawlus Jan, Stachowska Ewa
TO: The impact of diet on the fecal microbiota transplantation success in patients with gastrointestinal diseases - a literature review.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 20, id. art. 3314, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
4.
AU: Klepinowski Tomasz, Skonieczna Żydecka Karolina, Łoniewski Igor, Pettersson Samuel D., Wierzbicka-Woś Anna, Kaczmarczyk Mariusz, Palma Joanna, Sawicki Marcin, Taterra Dominik, Poncyljusz Wojciech, Alshafai Nabeel S., Stachowska Ewa, Ogilvy Christopher S., Sagan Leszek
TO: A prospective pilot study of gut microbiome in cerebral vasospasm and delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage.
CZ: Sci. Rep.
SZ: 2024 : vol. 14, nr 1, id. art. 17617, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
5.
AU: Makarewicz Jakub, Kaźmierczak-Siedlecka Karolina, Sobocki Bartosz Kamil, Dobrucki Iwona T., Kalinowski Leszek, Stachowska Ewa
TO: Anti-cancer management of head and neck cancers and oral microbiome-what can we clinically obtain?
CZ: Front. Cell. Infect. Microbiol.
SZ: 2024 : vol. 14, id. art. 1329057, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Review article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 100.000
6.
AU: Olędzki Szymon, Siennicka Aldona, Maciejewska-Markiewicz Dominika, Stachowska Ewa, Jakubiak Natalia, Kiedrowicz Radosław, Jakubczyk Karolina, Skonieczna-Żydecka Karolina, Gutowska Izabela, Kaźmierczak Jarosław
TO: Calcitriol concentration in the early phase of myocardial infarction and its relation to left ventricular ejection fraction.
CZ: Metabolites
SZ: 2024 : vol. 14, nr 12, id. art. 686, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
7.
AU: Komorniak Natalia, Pawlus Jan, Gaweł Katarzyna, Hawryłkowicz Viktoria, Stachowska Ewa
TO: Cholelithiasis, gut microbiota and bile acids after bariatric surgery - can cholelithiasis be prevented by modulating the microbiota? A literature review.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 15, id. art. 2551, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
8.
AU: Stasiewicz Beata, Wądołowska Lidia, Biernacki Maciej, Słowińska Małgorzata Anna, Stachowska Ewa
TO: Compliance with the WCRF/AICR recommendations in qualitative adaptation and the occurrence of breast cancer: a case - control study.
CZ: Cancers
SZ: 2024 : vol. 16, nr 2, id. art. 468, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
9.
AU: Marchlewicz Mariola, Polakowska Zofia, Maciejewska-Markiewicz Dominika, Stachowska Ewa, Jakubiak Natalia, Kiedrowicz Magdalena, Rak-Załuska Aleksandra, Duchnik Michał, Wajs-Syrenicz Alicja, Duchnik Ewa
TO: Fatty acid profile of erythrocyte membranes in patients with psoriasis.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 12, id. art. 1799, 15 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
10.
AU: Kaźmierczak-Siedlecka Karolina, Maciejewska-Markiewicz Dominika, Dobrucki Iwona T., Gruszczyńska Agata, Herman-Iżycka Julita, Wyleżoł Mariusz, Petriczko Karolina Katarzyna, Palma Joanna, Jakubczyk Karolina, Janda-Milczarek Katarzyna, Skonieczna-Żydecka Karolina, Stachowska Ewa
TO: Gut microbiome - how does two-month consumption of fiber-enriched rolls change microbiome in patients suffering from MASLD?

CZ: Nutrients
SZ: 2024 : vol. 16, nr 8, id. art. 1173, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
11.
AU: Mruk-Mazurkiewicz Honorata, Kulaszyńska Monika, Czarnecka Wiktoria, Podkówka Albert, Ekstedt Natalia, Zawodny Piotr, Wierzbicka-Woś Anna, Marlicz Wojciech, Skupin Błażej, Stachowska Ewa, Łoniewski Igor, Skonieczna-Żydecka Karolina
TO: Insights into the mechanisms of action of Akkermansia muciniphila in the treatment of non-communicable diseases.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 11, id. art. 1695, 29 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
12.
AU: Janowska Nikola, Łyczek Agata, Komorniak Natalia, Jakubiak Natalia, Siedlecka-Kaźmierczak Karolina, Stachowska Ewa
TO: Obesity in breast cancer patients after oncological treatment. How to conduct a nutritional intervention?
CZ: Nowotwory
SZ: 2024 : vol. 74, nr 5, s. 325-333, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
Pkt. MNiSW: 100.000
13.
AU: Łoniewski Igor, Kaźmierczak-Siedlecka Karolina, Komorniak Natalia, Stachowska Ewa
TO: Probiotics - when and for whom in the population of oncological patients.
CZ: Nowotwory
SZ: 2024 : vol. 74, nr 2, s. 141-152, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 100.000
14.
AU: Hawryłkowicz Viktoria, Stasiewicz Beata, Maciejewska Dominika, Sołek-Pastuszka Joanna, Komorniak Natalia, Skonieczna-Żydecka Karolina, Martynova-Van Kley Alexandra, Stachowska Ewa
TO: The link between inflammation, lipid derivatives, and microbiota metabolites in COVID-19 patients: implications on eating behaviors and nutritional status.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 14, id. art. 7899, 19 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
15.
AU: Kaźmierczak-Siedlecka Karolina, Muszyński Damian, Styburski Daniel, Makarewicz Jakub, Sobocki Bartosz Kamil, Ulasiński Paweł, Połom Karol, Stachowska Ewa, Skonieczna-Żydecka Karolina, Kalinowski Leszek
TO: Untargeted metabolomics in gastric and colorectal cancer patients - preliminary results.
CZ: Front. Cell. Infect. Microbiol.
SZ: 2024 : vol. 14, id. art. 1394038, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Review article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 100.000
16.
AU: Komorniak Natalia, Kaczmarczyk Mariusz, Łoniewski Igor, Martynova-Van Kley Alexandra, Nalian Armen, Wroński Michał, Kaseja Krzysztof, Kowalewski Bartosz, Folwarski Marcin, Stachowska Ewa
TO: Analysis of the efficacy of diet and short-term probiotic intervention on depressive symptoms in patients after bariatric surgery: A randomized double-blind placebo controlled pilot study.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 23, id. art. 4905, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
17.
AU: Klepinowski Tomasz, Skonieczna-Żydecka Karolina, Pala Bartłomiej, Stachowska Ewa, Sagan Leszek
TO: Gut microbiome in intracranial aneurysm growth, subarachnoid hemorrhage, and cerebral vasospasm: a systematic review with a narrative synthesis.
CZ: Front. Neurosci.
SZ: 2023 : vol. 17, id. art. 1247151, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.200
Pkt. MNiSW: 140.000
18.
AU: Baśkiewicz-Hałasa Magdalena, Stachowska Ewa, Grochans Elżbieta, Maciejewska-Markiewicz Dominika, Buhner Leonard, Skonieczna-Żydecka Karolina, Hałasa Maciej
TO: Moderate dose bovine colostrum supplementation in prevention of upper respiratory tract infections in medical university students: a randomized, triple blind, placebo-controlled trial.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 8, id. art. 1925, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
19.
AU: Jamioł-Milc Dominika, Gudan Anna, Kaźmierczak-Siedlecka Karolina, Hołowko-Ziółek Joanna, Maciejewska-Markiewicz Dominika, Janda-Milczarek Katarzyna, Stachowska Ewa
TO: Nutritional support for liver diseases.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 16, id. art. 3640, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
20.
AU: Kudra Anna, Kaźmierczak-Siedlecka Karolina, Sobocki Bartosz Kamil, Muszyński Damian, Połom Joanna, Carbone Ludovico, Marano Luigi, Roviello Franco, Kalinowski Leszek, Stachowska Ewa
TO: Postbiotics in oncology: science or science fiction?
CZ: Front. Microbiol.
SZ: 2023 : vol. 14, id. art. 1182547, 10 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.000
Pkt. MNiSW: 140.000
21.
AU: Kotfis Katarzyna, Wojciechowska Arleta, Zimny Małgorzata, Jamioł-Milc Dominika, Szylińska Aleksandra, Kwiatkowski Sebastian, Kaim Karolina, Dołęgowska Barbara, Stachowska Ewa, Żukowski Maciej, Pankowiak Maria, Torbé Andrzej, Wischmeyer Paul
TO: Preoperative oral carbohydrate (CHO) supplementation is beneficial for clinical and biochemical outcomes in patients undergoing elective cesarean delivery under spinal anaesthesia - a randomized controlled trial
.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 15, id. art. 4978, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
22.
AU: Banasiewicz Tomasz, Kobiela Jarosław, Cwaliński Jarosław,

Spychalski Piotr, Przybylska Patrycja, Kornacka Karolina, Bogdanowska-Charkiewicz Dagmara, Leyk-Kolańczak Magdalena, Borejsza-Wysocki Maciej, Batycka-Stachnik Dominika, Drwiła Rafał, Barańska Beata, Bartkowiak Tomasz, Brzegowy Maria, Czyżewski Piotr, Dynarska Jolanta, Dziki Adam, Dziki Łukasz, Jankowski Michał, Kaczmarczyk Piotr, Kapała Aleksandra, Karaś Krzysztof, Kielan Wojciech, Kłęk Stanisław, Kotoro Beata Bianka, Kotwicki Tomasz, Krokowicz Łukasz, Kuczyńska Barbara, Kunecki Marek, Kusza Krzysztof, Łasińska-Kowara Magdalena, Machała Waldemar, Major Piotr, Mańkowska-Wierzbicka Dorota, Matras Przemysław, Matysiak Konrad, Mogiłko Natalia, Nowak Wioleta, Opaliński Sebastian, Pędziwiatr Michał, Richter Piotr, Sieńko Jerzy, Sobocki Jacek, Stojcev Zoran, Stachowska Ewa, Stepanow Beata, Szczepkowski Marek, Tarnowski Wiesław, Zarzeczny Przemysław, Zawadzki Marek, Zembala Michał, Zegarski Wojciech, Zieniewicz Krzysztof, Zmarzły Anna, Żaczek Zuzanna, Wallner Grzegorz
TO: Rekomendacje w zakresie stosowania prehabilitacji, czyli kompleksowego przygotowania pacjenta do zabiegu operacyjnego.
CZ: Pol. Prz. Chir.
SZ: 2023 : vol. 95, nr 4, s. 61-91, il. tab. bibliogr. streszcz. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: POL
IF: 0.600
Pkt. MNiSW: 100.000

23.
AU: Gudan Anna, Kozłowska-Petriczko Katarzyna, Wunsch Ewa, Bodnarczuk Tomasz, Stachowska Ewa
TO: Small intestinal bacterial overgrowth and non-alcoholic fatty liver disease: what do we know in 2023?
CZ: Nutrients
SZ: 2023 : vol. 15, nr 6, id. art. 1323, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000

24.
AU: Janda-Milczarek Katarzyna, Szymczykowska Kinga, Jakubczyk Karolina, Kupnicka Patrycja, Skonieczna-Żydecka Karolina, Pilarczyk Bogumiła, Tomza-Marciniak Agnieszka, Ligenza Alicja, Stachowska Ewa, Dalewski Bartosz
TO: Spirulina supplements as a source of mineral nutrients in the daily diet.
CZ: Appl. Sci. (Basel)
SZ: 2023 : vol. 13, nr 2, id. art. 1011, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.500
Pkt. MNiSW: 100.000

25.
AU: Palma J[oanna], Maciejewska-Markiewicz D[ominika], Zgutka K[atarzyna], Piotrowska K[atarzyna], Skonieczna-Żydecka K[arolina], Stachowska E[wa]
TO: The analysis of fatty acids and their derivatives in the liver of C57BL/6 mice with long-term caloric restrictions.
CZ: Prostaglandins Other Lipid Mediat.
SZ: 2023 : vol. 169, id. art. 106764, 7 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.500
Pkt. MNiSW: 100.000

26.
AU: Ratajczak Weronika, Laszczyńska Maria, Rył Aleksandra, Dołęgowska Barbara, Sipak Olimpia, Stachowska Ewa, Słojewski Marcin, Lubkowska Anna
TO: Tissue immunoexpression of IL-6 and IL-18 in aging men with BPH and MetS and their relationship with lipid parameters and gut microbiota-derived short chain fatty acids.
CZ: Aging (Albany, NY)
SZ: 2023 : vol. 15, nr 20, s. 10875-10896, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000

27.
AU: Maciejewska-Markiewicz Dominika, Kochman Joanna, Jakubczyk Karolina, Bargiel Piotr, Szlosser Zbigniew, Stachowska Ewa, Markowska Marta, Bucka Anna, Czapla Norbert, Petriczko Jan, Surówka Anna, Hertman Sonia, Puchalski Piotr (PUM), Prowans Piotr
TO: Vitamin D status in patients before thyroidectomy.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 4, id. art. 3228, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000

28.
AU: Komorniak Natalia, Martynova-Van Kley Alexandra, Nalian Armen, Wroński Michał, Kaseja Krzysztof, Kowalewski Bartosz, Kaźmierczak-Siedlecka Karolina, Łoniewski Igor, Kaczmarczyk Mariusz, Podsiadło Konrad, Bogdański Paweł, Palma Joanna, Stachowska Ewa
TO: Association between fecal microbiota, SCFA, gut integrity markers and depressive symptoms in patients treated in the past with bariatric surgery - the cross-sectional study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 24, id. art. 5372, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

29.
AU: Cybulska Anna Maria, Rachubińska Kamila, Skonieczna-Żydecka Karolina, Drozd Arleta, Pawlik Jolanta, Stachowska Ewa, Cymbaluk-Płoska Aneta, Grochans Elżbieta
TO: Correlations between fatty acid profile and body fat distribution in postmenopausal women - a cross sectional study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 18, id. art. 3865, 15 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

30.
AU: Kiedrowicz Magdalena, Duchnik Ewa, Wesołowska Jolanta, Bania Beata, Peregud-Pogorzelska Małgorzata, Maciejewska-Markiewicz Dominika, Stachowska Ewa, Kruk Joanna, Marchlewicz Mariola
TO: Early and long-term effects of abdominal fat reduction using ultrasound and radiofrequency treatments.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 17, id. art. 3498, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

31.
AU: Maciejewska-Markiewicz Dominika, Drozd Arleta, Palma Joanna, Ryterska Karina, Hawryłkowicz Viktoria, Załęska Patrycja, Wunsch Ewa, Kozłowska-Petriczko Katarzyna, Stachowska Ewa
TO: Fatty acids and eicosanoids change during high-fiber diet in NAFLD patients - randomized control trials (RCT).
CZ: Nutrients
SZ: 2022 : vol. 14, nr 20, id. art. 4310, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

32.
AU: Stachowska Laura, Koziarska Dorota, Karakiewicz Beata, Kotwas Artur, Knyszyńska Anna, Folwarski Marcin, Dec Karolina, Stachowska Ewa, Hawryłkowicz Viktoria, Kulaszyńska Monika, Sołek-Pastuszka Joanna, Skonieczna-Żydecka Karolina
TO: Hepcidin (rs10421768), transferrin (rs3811647, rs1049296) and transferrin receptor 2 (rs7385804) gene polymorphism might be associated with the origin of multiple sclerosis.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 11, id. art. 6875, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication

JP: ENG
Pkt. MNiSW: 140.000
33.
AU: Sokołowska Katarzyna Ewa, Maciejewska-Markiewicz Dominika, Bińkowski Jan, Palma Joanna, Taryma-Leśniak Olga, Kozłowska-Petriczko Katarzyna, Borowski Konrad, Baśkiewicz-Hałasa Magdalena, Hawryłkowicz Viktoria, Załęcka Patrycja, Ufnal Marcin, Strapagiel Dominik, Jarczak Justyna, Skonieczna-Żydecka Karolina, Ryterska Karina, Machaliński Bogusław, Wojdacz Tomasz Kazimierz, Stachowska Ewa
TO: Identified in blood diet-related methylation changes stratify liver biopsies of NAFLD patients according to fibrosis grade.
CZ: Clin. Epigenetics
SZ: 2022 : vol. 14, nr 1, id. art. 157, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 5.700
Pkt. MNiSW: 140.000
34.
AU: Tyszka Martyna, Maciejewska-Markiewicz Dominika, Biliński Jarosław, Lubas Arkadiusz, Stachowska Ewa, Basak Grzegorz W.
TO: Increased intestinal permeability and stool zonulin, calprotectin and beta-defensin-2 concentrations in allogenic hematopoietic cell transplantation recipients.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 24, id. art. 15962, 13 s. il. tab. bibliogr. sum.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
35.
AU: Czerwińska-Rogowska Maja, Skonieczna-Żydecka Karolina, Kaseja Krzysztof, Jakubczyk Karolina, Palma Joanna, Bott-Olejnik Marta, Brzozowski Sławomir, Stachowska Ewa
TO: Kitchen diet vs. industrial diets - impact on intestinal barrier parameters among stroke patients.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 10, id. art. 6168, 11 s. il.tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
36.
AU: Stachowska Ewa, Maciejewska-Markiewicz Dominika, Palma Joanna, Mielko Karolina Anna, Qasem Badr, Kozłowska-Petriczko Katarzyna, Ufnal Marcin, Sokołowska Katarzyna Ewa, Hawryłkowicz Viktoria, Załęska Patrycja, Jakubczyk Karolina, Wunsch Ewa, Ryterska Karina, Skonieczna-Żydecka Karolina, Młynarz Piotr
TO: Precision nutrition in NAFLD: effects of a high-fiber intervention on the serum metabolome of NAFD patients - a pilot study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 24, id. art. 5355, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
37.
AU: Gudan Anna, Jamioł-Milc Dominika, Hawryłkowicz Viktoria, Skonieczna-Żydecka Karolina, Stachowska Ewa
TO: The prevalence of small intestinal bacterial overgrowth in patients with non-alcoholic liver diseases: NAFLD, NASH, fibrosis, cirrhosis. A systematic review, meta-analysis and meta-regression.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 24, id. art. 5261, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
38.
AU: Wolska Anna, Stasiewicz Beata, Kaźmierczak-Siedlecka Karolina, Ziętek Maciej, Sołek-Pastuszka Joanna, Drozd Arleta, Palma Joanna, Stachowska Ewa
TO: Unhealthy food choices among healthcare shift workers: a cross-sectional study.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 20, id. art. 4327, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000

Name and Surname:	**BARBARA DOŁĘGOWSKA**
Academic Tittle/Degree:	Professor, MD, PhD, DSc
Organizational Unit: (Department/Institute/Clinic)	Department of Microbiology, Immunology and Laboratory Medicine
Position:	Head of Department
Professional Email Address:	barbara.dolegowska@pum.edu.pl
Represented scientific discipline:	pharmaceutical sciences 50% / medical sciences 50%

1. Education and Obtained Degrees
MSc in Medical Analytics, 1986 – Medical Academy in Łódź
PhD in Medical Sciences, 2000 – Pomeranian Medical Academy in Szczecin
Habilitation in Medical Sciences, 2010 – Pomeranian Medical Academy in Szczecin
Professor of Medical Sciences, 2013 – President of the Republic of Poland

2. Academic Employment – Career Path
Since 2015 – present: Department of Microbiology, Immunology and Laboratory Medicine, Pomeranian Medical University in Szczecin – Head, Professor
2014–2020: Department of Laboratory Diagnostics, Independent Public Clinical Hospital No. 2 of PMU in Szczecin – Head
2011–2015: Laboratory of Physiology and Biochemistry of Stem Cells – Founder and Head (Polish Science and Technology Fund grant)
2007–2015: Department of Medical Analytics – Assistant Professor, then Associate Professor from 2012
2000–2007: Department of Biochemistry and Medical Chemistry – Assistant, then Assistant Professor
1998–1999: Independent Public Clinical Hospital No. 2 in Szczecin – On-call Laboratory Assistant
1996–1997: Specialist Hospital in Szczecin-Zdunowo – Assistant in Analytical Laboratory
1992–1995: Railway Healthcare Unit – Junior Assistant in Laboratory
1988–1991: Specialist Healthcare Center for Mothers, Children and Youth in Szczecin-Zdroj – Junior Assistant
1987–1988: Medical Academy in Łódź, Department of Pharmaceutical Microbiology – Assistant
1986–1987: Provincial Specialist Center for Pulmonary Diseases and Tuberculosis in Kalisz-Wolica – Junior Assistant

3. Specializations
Clinical Analytics – 1st degree, 1996
Laboratory Diagnostics – 2nd degree, 2000
Medical Microbiology – program completed; specialization exam planned Spring 2026

4. Research Areas and Scientific Interests
Scientific achievements in the field of medical and health sciences, particularly focused on civilization diseases, lipidomics (arachidonic acid derivatives), platelets, oxidative stress, bacterial and fungal infections, as well as diagnostic methods used in medicine.

5. Research Projects
Principal Investigator
- Comparison of methods for measuring dihydropyrimidine dehydrogenase (DPD) activity in plasma and peripheral blood lymphocytes – selection of the optimal screening method prior to fluoropyrimidine therapy. Project No. 3/VII/2008 (2009–2012), funded by the Foundation for the Development of Polish Pharmacy and Medicine (174,960 PLN).
- Immunomodulatory potential as an effect of changes in bioactive lipid metabolism in patients with chronic kidney disease treated conservatively, with peritoneal dialysis, or hemodialysis. Project No. 2011/01/B/NZ5/04235 (2011–2014). Funded by the National Science Centre (NCN) – 546,000 PLN

Coordinator and principal investigator:
- Equipment grant funded by the Polish Science and Technology Fund for equipping the Laboratory of Physiology and Biochemistry of Stem Cells at the Chair and Department of Physiology of the Pomeranian Medical University in Szczecin. Project No. 671/FNiTP/157/2011 (2011–2013)
- Regional Initiative of Excellence project “Impact of biological and environmental factors on the development of selected diseases, with particular emphasis on civilization diseases, and methods of their prevention and treatment”, Subtask:

"Impact of the microbiome on the development and course of civilization diseases" (2019–2022), Ministry of Science and Higher Education (850,000 PLN).

Scientific supervisor:

- "Renalase – a potential marker of early kidney injury and cardiovascular complications risk in patients with chronic kidney disease and its comorbidities," Project leader: MSc Natalia Matoszka. Project funded by the National Science Centre (NCN).
- "Influence of circadian rhythm on the concentrations of coagulation system parameters, complement system components, and selected sphingolipids in different fractions of peripheral blood," Project leader: MSc Marta Sylwia Budkowska. Project funded by the National Science Centre (NCN).
- "Relationship between endocannabinoids, epoxygenase-derived arachidonic acid metabolites, adipose-tissue–derived factors and long-term post-transplant kidney graft function," Project leader: Dr Daria Sałata. Project funded by the National Science Centre (NCN).

Main contributor:

- "Innovative applications of stem cells in medicine" carried out under Agreement POIG.01.01.02-00-109/09-00 within the Operational Programme *Innovative Economy*, co-funded by the European Regional Development Fund (2009–2015).
- "The significance of bioactive lipids in the regulation of hematopoietic stem cell mobilization and homing." Project funded by the National Science Centre (NCN).
  Project No. 2011/02/A/NZ4/00035 (2012–2017).
- "Bone metabolism and metabolic consequences of chronic kidney disease: assessment of the relationship between bone turnover, secondary hyperparathyroidism, and the MIA syndrome." Project funded by the Committee for Scientific Research (KBN).
  Project No. N402 564040 (2011–2014).
- "Assessment of the impact of whole-body cryotherapy on the degree of lipid peroxidation, antioxidant enzyme activity, and aerobic and anaerobic capacity in healthy individuals." Project funded by the Committee for Scientific Research (KBN).
  Project No. NN 404 027235 (2009–2012).
- "Influence of physical exercise on the extent of systemic homeostasis disturbances in individuals with varying levels of physical activity and physical fitness."
  Project funded by the Committee for Scientific Research (KBN).
  Project No. N N404 (2009–2012).
- "Macrophage eicosanoid metabolism. Effect of trans-fatty acid isomers on the synthesis of arachidonic-acid derivatives by macrophages."
  Project funded by the Committee for Scientific Research (KBN).
  Project No. 3 PO5B 117 23 (2003–2006).

6. Supervision of Doctoral Theses

Number of main supervisor roles: 14 completed, 1 ongoing

7. Scientific Society Memberships

• Scientific Council of Pharmaceutical Sciences, PUM – since 2021
• Provincial Consultant in Laboratory Diagnostics (West Pomeranian Voivodeship), 2015–2022
• National Consultant in Laboratory Diagnostics – since 2022
• EFLM Chronic Kidney Diseases Section – Corresponding Member since 2024
• Polish Society of Laboratory Diagnostics – member since 1992
• Polish Biochemical Society – Chair of Szczecin Branch, Member of the Main Board, since 2011
• Polish Physiological Society – member since 2011
• College of Laboratory Medicine – member since 2010
• Polish Society of Clinical Microbiology – member since 2020
• Polish Society of Microbiologists – member since 2023

8. Awards, Distinctions, and Certificates

• Multiple Scientific Awards of the Rector of the Pomeranian Medical University in Szczecin
• Multiple Teaching Awards of the Rector of the Pomeranian Medical University in Szczecin
• West Pomeranian Nobel Prize – 2013
• Medal of the National Education Commission – 2007
• Award of the Minister of Health for Lifetime Achievement – 2021

9.. Academic Engagement and Competencies Supporting Scientific and Teaching Activities:

1) Training and Courses – Scientific and Teaching Competence Development
• Survey Data Analysis – Basic Course, StatSoft Poland, 24–25.03.2025
• Artificial Intelligence (AI) in Scientific Research – Tools Overview, IDEA Training Centre, 28.11.2024
• Statistics in Medicine – Meta-analysis, StatSoft Poland, 24–25.11.2021
• STATISTICA – Basic Course, StatSoft Poland, 2–3.12.2020

• Principles of Organization and Operation of a Diagnostic Laboratory, Medical University of Wrocław, 27–29.10.2020
• Advances in Microbiological Diagnostics, Medical University of Gdańsk (GUMed), 23–27.05.2022
• Diagnostics of Tuberculosis and Mycobacterioses, GUMed, 18–20.10.2021
• Antimicrobial Resistance, GUMed, 20–24.09.2021
• Non-culture Methods in Microbiological Diagnostics, GUMed, 22–25.03.2021
• Diagnostics of Viral Infections, GUMed, 8–10.09.2021
• Epidemiology of Hospital Infections, GUMed, 24–26.05.2021
• Diagnostics of Fungal Infections, GUMed, 18–21.11.2020
• Diagnostics of Anaerobic Infections, GUMed, 09–12.12.2020
• Diagnostics of Parasitic Infections, GUMed, 24–26.06.2020
• Respiratory and CNS Infections, GUMed, 25–29.05.2020
• Medical Law, GUMed, 8–9.06.2020
• Sexually Transmitted Diseases, GUMed, 21–24.09.2020
• Gastrointestinal Infections and Intoxications, GUMed, 24–27.02.2020
• Cytomorphological Diagnostics of Blood and Bone Marrow, SUM/AKSON, 06.03.2021
• Diagnostics of Lymphatic System Diseases, SUM/AKSON, 25.06.2022
• Diagnostics of Hematopoietic System Diseases – Annual Training, SUM/AKSON, 2022
• Blood Morphology in Infections (COVID-19), SUM/PTDL, 27.02.2021
• Autumn School of Clinical Microbiology, SUM/Clinical Microbiology Foundation, 16.11–15.12.2020
• Specialization Training – Examination Question Development, PUM, 21.01.2020
• E-learning as a Teaching Method, ZCI, 3–7.01.2019
• XV National Conference of the College of Laboratory Medicine – Training Courses, KML/WUM, 11–13.01.2023
• Laboratory Medicine in the Face of 2023 Challenges, PTDL Szczecin, 6–7.10.2023
• Preparation and Recording of Serology Lectures, POWR Project, 01.2023

2) Participation in Scientific and Science-Popularization Conferences

Lectures delivered during conferences organized by regional branches of the Polish Society of Laboratory Diagnostics, the Student Society of Laboratory Diagnostics, diagnostic companies, conferences hosted by the Pomeranian Medical University, as well as educational events for high-school students.

• BORDERS OF INTERPRETATION: THE IMPACT OF NON-LABORATORY FACTORS ON THE RELIABILITY OF TEST RESULTS (09.10.2025)
• THE HEART IN A TEST TUBE – A HISTORY OF THE BIOCHEMISTRY OF MYOCARDIAL INFARCTION (24.10.2025)
• Hemolysis and Other Pre-analytical Errors: How Sample Quality Determines Patient Outcomes (25.11.2025)
• Specializations in Laboratory Diagnostics – Opportunities and Limitations (05.04.2025)
• CHRONIC KIDNEY DISEASE – THE ROLE OF MEDICAL LABORATORY DIAGNOSTICS IN EARLY DETECTION AND MANAGEMENT (24.01.2024)
• Regulation of the Ministry of Health of 23.10.2023 on Organizational Standards for POCT (12.03.2024)
• BIOCHEMICAL MARKERS OF SEPSIS (07.03.2024)
• SIBO and the Kynurenine Pathway (06.10.2023)
• WHAT HIDES IN OUR BLOOD? A SOURCE OF INFORMATION ABOUT OUR HEALTH (08.03.2023)
• Mysterious Microbiota? (22.05.2021)
• SPECIFICS OF LABORATORY DIAGNOSTICS IN PREGNANCY (13.12.2019)
• Micro-RNA in Laboratory Diagnostics (26.09.2019)

3) Training and Development of Young Academic Staff

Long-standing and systematic education of successive cohorts of medical laboratory diagnosticians, clinical dietitians, medical biotechnologists, and physicians:

• conducting lectures, seminars, and practical classes at all levels of education (Bachelor’s, Master’s, long-cycle Master’s, and doctoral studies);
• development of course syllabi and elective modules;
• preparation of teaching materials, including scripts and instructional manuals for all taught subjects;
• supervision of undergraduate theses (1), master's theses (38), and doctoral dissertations (15);
• implementation of modern teaching methods, including e-learning, AI-based tools, and electronic examination systems;
• mentoring young diagnosticians and preparing them for specialization in Laboratory Diagnostics.

4) Scientific, Training, and Teaching Internships

• Specialist courses and advanced trainings organized by the Medical University of Gdańsk, the Wroclaw Medical University, and StatSoft Kraków – thematic internships supplementing research, clinical, and teaching competencies.
• Participation in cyclic annual hematology trainings (120-hour training, SUM/AKSON – 2022).
• Participation in intensive practical courses, including microbiology, infectious disease diagnostics, non-culture diagnostic methods, and antimicrobial resistance.

5) Inter-university, Inter-institutional and International Collaboration

Scientific activity includes long-term cooperation with leading research centers in the fields of laboratory diagnostics, nephrology, and medical microbiology. This collaboration covers both joint scientific and research initiatives as well as participation in international expert groups responsible for standardization and harmonization of diagnostic procedures.

• National collaboration:
Scientific and research cooperation with the Department of Chemical and Process Engineering, Faculty of Chemical Technology and Engineering, West Pomeranian University of Technology in Szczecin, headed by Prof. Rafał Rakoczy. The collaboration focuses primarily on analyzing the effects of magnetic fields on biological systems, including physicochemical properties of biological material, biochemical processes, and potential applications of magnetic fields in improving standardization and pre-analytical quality in laboratory diagnostics.
• International collaboration – partnerships with:
– Friedrich Loeffler Institute of Medical Microbiology, University Medicine Greifswald, one of the leading medical microbiology centers in Europe. Collaboration includes topics related to infection diagnostics, quality standards in microbiological testing, and the exchange of expertise in modern laboratory technologies.
– European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) – participation in the EFLM Task Group on Chronic Kidney Diseases. The Group focuses on the standardization and harmonization of kidney function testing, including GFR measurement, validation of estimated filtration equations (EKFC), implementation of KDIGO guidelines, and unification of the use of bone turnover markers in patients with chronic kidney disease. The team also undertakes activities related to inter-laboratory comparison studies.

10. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	560	204	259	639.650	14444

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Lechowicz Kacper, Szylińska Aleksandra, Cecerska-Heryć Elżbieta, Ostrycharz-Jasek Ewa, Zagrodnik Edyta, Pacholewicz Jerzy, Dołęgowska Barbara, Kotfis Katarzyna
TO: Association of plasma BDNF concentration and Val66Met polymorphism with postoperative delirium after cardiac surgery under general anesthesia with cardiopulmonary bypass.
CZ: J. Clin. Med.
SZ: 2025 : vol. 14, nr 21, id. art. 7690, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
2.
AU: Zagrodnik Edyta, Ziętek Maciej, Machałowski Tomasz, Dołęgowska Barbara, Szczuko Małgorzata
TO: Carbetocin is more effective in stabilizing hemodynamic parameters compared to oxytocin during cesarean section.
CZ: Biomedicines
SZ: 2025 : vol. 13, nr 3, id. art. 685, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
3.
AU: Pruss Agata, Skierska Alicja, Kwiatkowski Paweł, Masiuk Helena, Jursa-Kulesza Joanna, Giedrys-Kalemba Stefania, Bilska Iwona, Sienkiewicz Monika, Melnyk Maria V., Dołęgowska Barbara
TO: Comparative analysis of selected methods of carbapenemase determination among clinical Klebsiella pneumoniae.
CZ: PLoS One
SZ: 2025 : vol. 20, nr 2, id. art. e0318852, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.600
Pkt. MNiSW: 140.000
4.
AU: Mnichowska-Polanowska Magdalena, Grygorcewicz Bartłomiej, Dołęgowska Barbara, Boroń Agnieszka, Michnowska Agata, Jarosz Konrad, Adamowicz Magdalena, Wojciuk Bartosz
TO: Diagnostic efficiency of inflammatory signatures to distinguish isolated candidemia from candidemia with bacterial co-infection.
CZ: Front. Immunol.
SZ: 2025 : vol. 16, id. art. 1692077, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
5.
AU: Gliźniewicz Marta, Dołęgowska Barbara, Augustyniak Adrian, Rakoczy Rafał, Kędzierski Tomasz, Mijowska Ewa, Grygorcewicz Bartłomiej
TO: Effects of sequential administration of phage cocktail, ciprofloxacin, and caspofungin on Staphylococcus aureus and Candida albicans dual-species biofilms.
CZ: Microbes Infect.
SZ: 2025 : vol. 27, nr 7, id. art. 105531, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 2.700
Pkt. MNiSW: 100.000
6.
AU: Pruss Agata, Lichota Anna, Masiuk Helena, Kwiatkowski Paweł, Słaba Mirosława, Sienkiewicz Monika, Dołęgowska Barbara
TO: Evaluation of the effects of carvacrol on Gram-negative bacilli isolated from wound infections.
CZ: Appl. Sci. (Basel)
SZ: 2025 : vol. 15, nr 21, id. art. 11309, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.500
Pkt. MNiSW: 100.000
7.
AU: Cecerska-Heryć Elżbieta, Serwin Natalia, Pius-Sadowska Ewa, Głowacka Klaudia, Polikowska Aleksandra, Goszka Małgorzata, Birger Radosław, Budkowska Marta, Machaliński Bogusław, Dołęgowska Barbara
TO: Investigation of antioxidant enzymes (GST, GSH, R-GSSG) in erythrocytes of COVID-19 patients: a one-month observation.
CZ: J. Inflamm. Res.
SZ: 2025 : vol. 2025, nr 18, s. 12783-12800, il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 4.100
Pkt. MNiSW: 140.000

8.
AU: Kotfis Katarzyna, Jamioł-Milc Dominika, Wojciechowska Arleta, Szylińska Aleksandra, Drozd Arleta, Zimny Małgorzata, Dołęgowska Barbara, Kwiatkowski Sebastian (PUM), Dziedziejko Violetta, Safranow Krzysztof
TO: Maternal and umbilical cord plasma purine concentrations after oral carbohydrate loading prior to elective Cesarean delivery under spinal anesthesia: a randomized controlled trial.
CZ: BMC Pregnancy Childbirth
SZ: 2025 : vol. 25, nr 1, id. art. 556, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.700
Pkt. MNiSW: 100.000
9.
AU: Cecerska-Heryć Elżbieta, Engwert Weronika, Michałów Jaśmina, Marciniak Julia, Birger Radosław, Serwin Natalia, Heryć Rafał, Polikowska Aleksandra, Goszka Małgorzata, Wojciuk Bartosz, Wiśniewska Magda, Dołęgowska Barbara
TO: Oxidative stress markers and inflammation in type 1 and 2 diabetes are affected by BMI, treatment type, and complications
CZ: Sci. Rep.
SZ: 2025 : vol. 15, nr 1, id. art. 23605, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
10.
AU: Cecerska-Heryć Elżbieta, Zoń Martyn, Budkowska Marta, Serwin Natalia, Michalczyk Anna, Goszka Małgorzata, Polikowska Aleksandra, Wojciuk Bartosz, Dołęgowska Barbara
TO: Redox on the clock: sex-dependent dynamics of xanthine oxidoreductase isoforms and melatonin.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 23, id. art. 11272, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
11.
AU: Cecerska-Heryć Elżbieta, Jerzyk Adrianna, Goszka Małgorzata, Polikowska Aleksandra, Rachwalska Julita, Serwin Natalia, Wojciuk Bartosz, Dołęgowska Barbara
TO: TGF-β signaling in cancer: mechanisms of progression and therapeutic targets.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 15, id. art. 7326, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
12.
AU: Budkowska Marta, Ostrycharz-Jasek Ewa, Cecerska-Heryć Elżbieta, Dołęgowska Katarzyna, Siennicka Aldona, Nazarewski Łukasz, Rykowski Paweł, Dołęgowska Barbara
TO: The impact of human liver transplantation on the concentration of fibroblast growth factors: FGF19 and FGF21.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 3, id. art. 1299, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
13.
AU: Cecerska-Heryć Elżbieta, Michałów Jaśmina, Engwert Weronika, Marciniak Julia, Birger Radosław, Serwin Natalia, Heryć Rafał, Polikowska Aleksandra, Goszka Małgorzata, Wiśniewska Magda, Dołęgowska Barbara
TO: The promising role of selected fibroblast growth factors as potential markers of complications in type 1 and type 2 diabetes.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 17, id. art. 8754, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
14.
AU: Cecerska-Heryć Elżbieta, Wiśniewska Zofia, Serwin Natalia, Polikowska Aleksandra, Goszka Małgorzata, Engwert Weronika, Michałów Jaśmina, Pękała Maja, Budkowska Marta, Michalczyk Anna, Dołęgowska Barbara
TO: Can compounds of natural origin be important in chemoprevention? Anticancer properties of quercetin, resveratrol, and curcumin - a comprehensive review.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 8, id. art. 4505, 36 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
15.
AU: Cecerska-Heryć Elżbieta, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Serwin Natalia, Stodolak Patrycja, Słodzińska Weronika, Birger Radosław, Goszka Małgorzata, Polikowska Aleksandra, Budkowska Marta, Rakoczy Rafał, Dołęgowska Barbara
TO: The effect of a rotating magnetic field on the antioxidant system in healthy volunteers - preliminary study.
CZ: Sci. Rep.
SZ: 2024 : vol. 14, nr 1, id. art. 8677, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
16.
AU: Cecerska-Heryć Elżbieta, Goszka Małgorzata, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Serwin Natalia, Stodolak Patrycja, Słodzińska Weronika, Birger Radosław, Polikowska Aleksandra, Budkowska Marta, Rakoczy Rafał, Dołęgowska Barbara
TO: The effect of a rotating magnetic field on the regenerative potential of platelets.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 7, id. art. 3644, 24 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
17.
AU: Cecerska-Heryć Elżbieta, Polikowska Aleksandra, Serwin Natalia, Michalczyk Anna, Stodolak Patrycja, Goszka Małgorzata, Zoń Martyn, Budkowska Marta, Tyburski Ernest, Podwalski Piotr, Waszczuk Katarzyna, Rudkowski Krzysztof, Kucharska-Mazur Jolanta, Mak Monika, Samochowiec Agnieszka, Misiak Błażej, Sagan Leszek, Samochowiec Jerzy, Dołęgowska Barbara
TO: The importance of oxidative biomarkers in diagnosis, treatment, and monitoring schizophrenia patients.
CZ: Schizophr. Res.
SZ: 2024 : vol. 270, s. 44-56, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.500
Pkt. MNiSW: 140.000
18.
AU: Cecerska-Heryć Ela, Nieszpór Dominika, Serwin Natalia, Pius-Sadowska Ewa, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Serwin Karol, Michalczyk Anna, Budkowska Marta, Goszka Małgorzata, Polikowska Aleksandra, Birger Radosław, Machaliński Bogusław, Dołęgowska Barbara
TO: The importance of platelet-derived growth factors as markers of survival and severity of COVID-19 in patients undergoing monthly follow-up.
CZ: Mediators Inflamm.
SZ: 2024 : vol. 2024, id. art. 3838845, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.200
Pkt. MNiSW: 100.000
19.
AU: Gliźniewicz Marta, Miłek Dominika, Olszewska Patrycja, Czajkowski Artur, Serwin Natalia, Cecerska-Heryć Elżbieta, Dołęgowska Barbara,

Grygorcewicz Bartłomiej
TO: Advances in bacteriophage-mediated strategies for combating polymicrobial biofilms.
CZ: Front. Microbiol.
SZ: 2023 : vol. 14, id. art. 1320345, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.000
Pkt. MNiSW: 140.000
20.
AU: Budkowska Marta, Ostrycharz Ewa, Serwin Natalia Maria, Nazarewicz Łukasz, Cecerska-Heryć Elżbieta, Poręcka Marta, Rykowski Paweł, Pietrzak Radosław, Zieniewicz Krzysztof, Siennicka Aldona, Hukowska-Szematowicz Beata, Dołęgowska Barbara
TO: Biomarkers of the complement system activation (C3a, C5a, sC5b-9) in serum of patients before and after liver transplantation.
CZ: Biomedicines
SZ: 2023 : vol. 11, nr 7, id. art. 2070, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
21.
AU: Rudkowski Krzysztof, Waszczuk Katarzyna, Tyburski Ernest, Rek-Owodziń Katarzyna, Plichta Piotr, Podwalski Piotr, Bielecki Maksymilian, Mak Monika, Michalczyk Anna, Tarnowski Maciej, Sielatycka Katarzyna, Budkowska Marta, Łuczkowska Karolina, Dołęgowska Barbara, Ratajczak Mariusz Z., Samochowiec Jerzy, Kucharska-Mazur Jolanta, Sagan Leszek
TO: Complement activation products in patients with chronic schizophrenia.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 4, id. art. 1577, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
22.
AU: Cecerska-Heryć Elżbieta, Serwin Natalia, Grygorcewicz Bartłomiej, Adamiak Daria, Gliźniewicz Marta, Butko Agnieszka, Dołęgowska Barbara
TO: Dynamics of changes in the concentrations of anandamide and 2-arachidonoylglycerol and their impact on the carbohydrate-lipid metabolism in patients after kidney transplantation in the follow-up study.
CZ: Pomeranian J. Life Sci.
SZ: 2023 : t. 69, nr 1, s. 18-22, il. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
23.
AU: Kwiatkowski Paweł, Tabiś Aleksandra, Sobolewski Peter, Płaziński Wojciech, Pruss Agata, Sienkiewicz Monika, Dołęgowska Barbara, Wojciechowska-Koszko Iwona
TO: Enhancement of neutrophil chemotaxis by trans-anethole-treated Staphylococcus aureus strains.
CZ: PLoS One
SZ: 2023 : vol. 18, nr 4, id. art. e0284042, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
24.
AU: Kwiatkowski Paweł, Rogulska Karolina, Pruss Agata, Sienkiewicz Monika, Dołęgowska Barbara, Wojciechowska-Koszko Iwona
TO: Immunomodulatory effects of trans-anethole-treated Staphylococcus aureus Newman strain.
CZ: Sci. Rep.
SZ: 2023 : vol. 13, nr 1, id. art. 6881, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
25.
AU: Wojciechowska-Koszko Iwona, Mnichowska-Polanowska Magdalena, Roszkowska Paulina, Sławiński Michał, Giedrys-Kalemba Stefania, Dołęgowska Barbara, Sienkiewicz Monika, Hukowska-Szematowicz Beata, Kwiatkowski Paweł
TO: Improved RAPD method for Candida parapsilosis fingerprinting.
CZ: Genes
SZ: 2023 : vol. 14, nr 4, id. art. 868, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
26.
AU: Mnichowska-Polanowska Magdalena, Adamowicz Magdalena, Wojciechowska-Koszko Iwona, Kisiel Anna, Wojciuk Bartosz, Jarosz Konrad, Dołęgowska Barbara
TO: Molecular investigation of the fatal bloodstream Candida orthopsilosis infection case following gastrectomy.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 7, 6541, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
27.
AU: Kotfis Katarzyna, Wojciechowska Arleta, Zimny Małgorzata, Jamioł-Milc Dominika, Szylińska Aleksandra, Kwiatkowski Sebastian, Kaim Karolina, Dołęgowska Barbara, Stachowska Ewa, Żukowski Maciej, Pankowiak Maria, Torbé Andrzej, Wischmeyer Paul
TO: Preoperative oral carbohydrate (CHO) supplementation is beneficial for clinical and biochemical outcomes in patients undergoing elective cesarean delivery under spinal anaesthesia - a randomized controlled trial .
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 15, id. art. 4978, 21 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
28.
AU: Cecerska-Heryć Elżbieta, Ronkowski Bartosz, Heryć Rafał, Serwin Natalia, Grygorcewicz Bartłomiej, Roszak Marta, Galant Katarzyna, Dołęgowska Barbara
TO: Proteomic and lipidomic biomarkers in the diagnosis and progression of inflammatory bowel disease - a review.
CZ: Proteomics Clin. Appl.
SZ: 2023 : vol. 17, nr 1, id. art. e2200003, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 2.100
Pkt. MNiSW: 100.000
29.
AU: Kwiatkowski Paweł, Kurzawski Mateusz, Kukula-Koch Wirginia, Pruss Agata, Sienkiewicz Monika, Płaziński Wojciech, Dołęgowska Barbara, Wojciechowska-Koszko Iwona
TO: Staphyloxanthin inhibitory potential of trans-anethole: A preliminary study.
CZ: Biomed. Pharmacother.
SZ: 2023 : vol. 158, id. art. 114153, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.900
Pkt. MNiSW: 140.000
30.
AU: Rogulska Karolina, Wojciechowska-Koszko Iwona, Krasnodębska-Szponder Barbara, Kwiatkowski Paweł, Roszkowska Paulina, Dołęgowska Barbara, Łuczkowska Karolina, Machaliński Bogusław, Kosik-Bogacka Danuta
TO: TFF3 as a aiagnostic biomarker in kidney transplant patients.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 15, id. art. 11925, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG

IF: 4.900
Pkt. MNiSW: 140.000
31.
AU: Cecerska-Heryć Elżbieta, Pękała Maja, Serwin Natalia, Gliźniewicz Marta, Grygorcewicz Bartłomiej, Michalczyk Anna, Heryć Rafał, Budkowska Marta, Dołęgowska Barbara
TO: The use of stem cells as a potential treatment method for selected neurodegenerative diseases: review.
CZ: Cell. Mol. Neurobiol.
SZ: 2023 : vol. 43, nr 6, s. 2643-2673, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.600
Pkt. MNiSW: 100.000
32.
AU: Ratajczak Weronika, Laszczyńska Maria, Rył Aleksandra, Dołęgowska Barbara, Sipak Olimpia, Stachowska Ewa, Słojewski Marcin, Lubkowska Anna
TO: Tissue immunoexpression of IL-6 and IL-18 in aging men with BPH and MetS and their relationship with lipid parameters and gut microbiota-derived short chain fatty acids.
CZ: Aging (Albany, NY)
SZ: 2023 : vol. 15, nr 20, s. 10875-10896, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
33.
AU: Pruss Agata, Wrona Mgdalena, Kwiatkowski Paweł, Masiuk Helena, Cettler Marta, Giedrys-Kalemba Stefania, Dudzińska Ewa, Dołęgowska Barbara
TO: Virulence genes and antibiotic resistance among clinical Klebsiella pneumoniae strains.
CZ: Pomeranian J. Life Sci.
SZ: 2023 : t. 69, nr 3, s. 1-9, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
34.
AU: Serwin Natalia, Adamiak Daria, Wiśniewska Magda, Marchelek-Myśliwiec Małgorzata, Serwin Karol, Cecerska-Heryć Elżbieta, Grygorcewicz Bartłomiej, Roszak Marta, Miądlicki Karol, Dołęgowska Barbara
TO: Adiponectin is unrelated to kidney function or injury markers in renal transplant recipients: A one-year follow-up study.
CZ: Prostaglandins Other Lipid Mediat.
SZ: 2022 : vol. 159, id. art. 106618, 6 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.900
Pkt. MNiSW: 100.000
35.
AU: Pruss Agata, Kwiatkowski Paweł, Masiuk Helena, Jursa-Kulesza Joanna, Bilska Iwona, Lubecka Aleksandra, Cettler Marta, Roszkowska Paulina, Dołęgowska Barbara
TO: Analysis of the prevalence of colistin resistance among clinical strains of Klebsiella pneumoniae.
CZ: Ann. Agric. Environ. Med.
SZ: 2022 : vol. 29, nr 4, s. 518-522, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 1.700
Pkt. MNiSW: 100.000
36.
AU: Cecerska-Heryć Elżbieta, Goszka Małgorzata, Serwin Natalia, Roszak Marta, Grygorcewicz Bartłomiej, Heryć Rafał, Dołęgowska Barbara
TO: Applications of the regenerative capacity of platelets in modern medicine.
CZ: Cytokine Growth Factor Rev.
SZ: 2022 : vol. 64, s. 84-94, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 13.000
Pkt. MNiSW: 140.000
37.
AU: Wojciechowska-Koszko Iwona, Dziatlik Justyna, Kwiatkowski Paweł, Roszkowska Paulina, Sienkiewicz Monika, Dołęgowska Barbara
TO: Could the Optiplex Borrelia assay replace the traditional, two-step method of diagnosing Lyme disease?
CZ: Ann. Agric. Environ. Med.
SZ: 2022 : vol. 29, nr 1, s. 63-71, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
IF: 1.700
Pkt. MNiSW: 100.000
38.
AU: Wojciechowska-Koszko Iwona, Kwiatkowski Paweł, Sienkiewicz Monika, Kowalczyk Mateusz, Kowalczyk Edward, Dołęgowska Barbara
TO: Cross-reactive results in serological tests for borreliosis in patients with active viral infections.
CZ: Pathogens
SZ: 2022 : vol. 11, nr 2, id. art. 203, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
39.
AU: Rynio Paweł, Galant Katarzyna, Wójcik Łukasz, Grygorcewicz Bartłomiej, Kazimierczak Arkadiusz, Falkowski Aleksander, Gutowski Piotr, Dołęgowska Barbara, Kawa Miłosz
TO: Effects of sterilization methods on different 3D printable materials for templates of physician-modified aortic stent grafts used in vascular surgery - a preliminary study.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 7, id. art. 3539, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
40.
AU: Jabłońska Joanna, Augustyniak Adrian, Kordas Marian, Dubrowska Kamila, Sołoducha Dawid, Borowski Tomasz, Konopacki Maciej, Grygorcewicz Bartłomiej, Roszak Marta, Dołęgowska Barbara, Piz Mateusz, Filipek Elżbieta, Wróbel Rafał J., Leniec Grzegorz, Rakoczy Rafał
TO: Evaluation of ferrofluid-coated rotating magnetic field-assisted bioreactor for biomass production.
CZ: Chem. Eng. J.
SZ: 2022 : vol. 431, pt 2, id. art. 133913, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 15.100
Pkt. MNiSW: 200.000
41.
AU: Dąbkowski Krzysztof, Łabędź-Masłowska Anna, Dołęgowska Barbara, Safranow Krzysztof, Budkowska Marta, Zuba-Surma Ewa, Starzyńska Teresa
TO: Evidence of stem cells mobilization in the blood of patients with pancreatitis: a potential link with disease severity.
CZ: Stem Cells Int.
SZ: 2022 : vol. 2022, id. art. 5395248, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 4.300
Pkt. MNiSW: 100.000
42.
AU: Wojciechowska-Koszko Iwona, Kwiatkowski Paweł, Roszkowska Paulina, Krasnodębska-Szponder Barbara, Sławiński Michał, Gabrych Artur, Giedrys-Kalemba Stefania, Dołęgowska Barbara, Kowalczyk Edward, Sienkiewicz Monika
TO: Genetic diversity of Candida spp. isolates colonizing twins and their family members.
CZ: Pathogens
SZ: 2022 : vol. 11, nr 12, id. art. 1532, 12 s. il. tab. bibliogr. summ.
CF: foreign article

CP: Peer-reviewed publication
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
43.
AU: Konopacki Maciej, Augustyniak Adrian, Grygorcewicz Bartłomiej, Dołęgowska Barbara, Kordas Marian, Rakoczy Rafał
TO: Growth optimization of Klebsiella pneumoniae in magnetically assisted bioreactor.
CZ: Chem. Process. Eng.
SZ: 2022 : vol. 43, nr 3, s. 289-304, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
IF: 0.600
Pkt. MNiSW: 100.000
44.
AU: Sochaczewska Diana, Ziętek Maciej, Dołęgowska Barbara, Kordek Agnieszka, Szczuko Małgorzata
TO: Implications of indirect biomarkers of intestinal permeability in the stools of newborns and infants with perinatal risk factors for intestinal colonization disorders and infant feeding patterns.
CZ: Nutrients
SZ: 2022 : vol. 14, nr 11, id. art. 2224, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.900
Pkt. MNiSW: 140.000
45.
AU: Cecerska-Heryć Elżbieta, Polikowska Aleksandra, Serwin Natalia, Roszak Marta, Grygorcewicz Bartłomiej, Heryć Rafał, Michalczyk Anna, Dołęgowska Barbara
TO: Importance of oxidative stress in the pathogenesis, diagnosis, and monitoring of patients with neuropsychiatric disorders, a review.
CZ: Neurochem. Int.
SZ: 2022 : vol. 153, id. art. 105269, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.200
Pkt. MNiSW: 100.000
46.
AU: Błogowski Wojciech, Dołęgowska Katarzyna, Deskur Anna, Dołęgowska Barbara, Starzyńska Teresa
TO: Lipoxins and resolvins in patients with pancreatic cancer: a preliminary report.
CZ: Front. Oncol.
SZ: 2022 : vol. 11, id. art. 757073, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 4.700
Pkt. MNiSW: 100.000
47.
AU: Waszczuk Katarzyna, Kucharska-Mazur Jolanta, Tyburski Ernest, Rek-Owodziń Katarzyna, Plichta Piotr, Rudkowski Krzysztof, Podwalski Piotr, Grążlewski Tomasz, Mak Monika, Misiak Błażej, Michalczyk Anna, Tarnowski Maciej, Sielatycka Katarzyna, Szczęśniak Angelika, Łuczkowska Karolina, Dołęgowska Barbara, Budkowska Marta, Ratajczak Mariusz Z., Samochowiec Jerzy
TO: Psychopathology and stem cell mobilization in ultra-high risk of psychosis and first-episode psychosis patients.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 10, id. art. 6001, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
48.
AU: Kwiatkowski Paweł, Tabiś Aleksandra, Fijałkowski Karol, Masiuk Helena, Łopusiewicz Łukasz, Pruss Agata, Sienkiewicz Monika, Wardach Marcin, Kurzawski Mateusz, Guenther Sebastian, Bania Jacek, Dołęgowska Barbara, Wojciechowska-Koszko Iwona
TO: Regulatory and enterotoxin gene expression and enterotoxins production in Staphylococcus aureus FRI913 cultures exposed to a rotating magnetic field and trans-anethole.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 11, id. art. 6327, 18 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
49.
AU: Budkowska Marta, Cecerska-Heryć Elżbieta, Marcinowska Zuzanna, Siennicka Aldona, Dołęgowska Barbara
TO: The influence of circadian rhythm on the activity of oxidative stress enzymes.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 22, id. art. 14275, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
50.
AU: Rogulska Karolina, Wojciechowska-Koszko Iwona, Dołęgowska Barbara, Kwiatkowska Ewa, Roszkowska Paulina, Kapczuk Patrycja, Kosik-Bogacka Danuta
TO: The most promising biomarkers of allogeneic kidney transplant rejection.
CZ: J. Immunol. Res.
SZ: 2022 : vol. 2022, id. art. 6572338, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.100
Pkt. MNiSW: 100.000
51.
AU: Wojciuk Bartosz, Majewska Karolina, Grygorcewicz Bartłomiej, Krukowska Żaneta, Kwiatkowska Ewa, Ciechanowski Kazimierz, Dołęgowska Barbara
TO: The role of uropathogenic Escherichia coli adhesive molecules in inflammatory response- comparative study on immunocompetent hosts and kidney recipients.
CZ: PLoS One
SZ: 2022 : vol. 17, nr 5, id. art. e0268243, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
52.
AU: Cecerska-Heryć Elżbieta, Heryć Rafał, Dutkiewicz Grażyna, Michalczyk Anna, Grygorcewicz Bartłomiej, Serwin Natalia, Napiontek-Balińska Sylwia, Dołęgowska Barbara
TO: Xanthine oxidoreductase activity in platelet-poor and rich plasma as a oxidative stress indicator in patients required renal replacement therapy.
CZ: BMC Nephrol.
SZ: 2022 : vol. 23, id. art. 35, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.300
Pkt. MNiSW: 100.000

Name:	MAREK DROŹDZIK
Title/Degree:	prof. dr hab. n. med.
Organizational unit (department/department/clinic):	Chair of Pharmacology, Department of Experimental and Clinical Pharmacology, PUM
Position:	head
Email address for business contact:	marek.drozdzik@pum.edu.pl
Represented scientific discipline:	pharmaceutical sciences 25% / medical sciences 75%

1. **Education and scientific degrees**
   1990: Doctor of Medicine (with distinction) – Pomeranian Medical University, Szczecin, Poland
   1992: PhD (cum laude) – Dissertation title: "The effect of unilateral nephrectomy on the pharmacokinetics of gentamicin in rabbits", Pomeranian Medical University, Szczecin, Poland
   1999: Habilitation – Dissertation title: "Treatment of experimental liver cancer with recombinant adenoviruses carrying the interleukin-12 or thymidine kinase gene and allogeneic fibroblasts expressing the Fas ligand"
   2006: Professor

2. **Academic employment – career history**
   1990–1994: Assistant, Department of Experimental and Clinical Pharmacology, Pomeranian Medical University, Szczecin, Poland
   1994–1999: Assistant Professor, Department of Experimental and Clinical Pharmacology, Pomeranian Medical University, Szczecin, Poland
   1999–2003: Associate Professor (Habilitated Doctor), Department of Experimental and Clinical Pharmacology, Pomeranian Medical University, Szczecin, Poland
   2003–present: Head, Department of Pharmacology, Pomeranian Medical University, Szczecin, Poland

3. **Specialization**
   1993: First-degree specialist in internal medicine
   2000: Second-degree specialist in internal medicine
   2008: Specialist in clinical pharmacology

4. **Research area(s) and scientific interests**
   Among the most significant scientific achievements are: the demonstration of the impact of pathological conditions on drug pharmacokinetics; the identification of variable drug responses determined by polymorphisms in drug-metabolizing genes (including genetic predispositions to certain diseases); the characterization of the expression and protein levels of drug-metabolizing enzymes and drug transporters; and the elucidation of transcriptional and epigenetic mechanisms involved in their regulation in healthy and diseased tissues and organs.

5. **Research projects**
   KBN Grant 6 P05B029 20 (doctoral advisor grant) – The significance of β-adrenergic receptor gene mutations in sodium sensitivity of blood pressure – Principal Investigator
   KBN Grant 6P05B 120 20 (individual grant) – Polymorphisms of catechol-O-methyltransferase (COMT), monoamine oxidase B (MAO-B), cytochrome P4502D6 (CYP2D6), and N-acetyltransferase (NAT2) genes and their clinical relevance in the diagnosis and treatment of Parkinson's disease – Principal Investigator
   KBN Grant 3P05B14325 (doctoral advisor grant) – The role of thiopurine methyltransferase polymorphism in azathioprine intolerance in kidney transplant recipients – Principal Investigator
   KBN Grant 2P05E12029 (doctoral advisor grant) – The effect of MDR1 gene polymorphism encoding P-glycoprotein (Gp-170) on digoxin secretion into saliva – Principal Investigator
   KBN Grant 2P05C02928 (individual grant) – The significance of TGF-β1 and CD44 gene expression in "0" graft biopsy and 30 minutes post-reperfusion as prognostic indicators of graft survival – Co-investigator
   KBN Grant 2P05B04827 (individual grant) – The role of interleukin-18 gene polymorphism in the pathogenesis of rheumatoid arthritis – Co-investigator

KBN Grant 2P05F02328 (individual grant) – Optimization of Parkinson's disease pharmacotherapy with levodopa based on genetic polymorphisms of COMT, MAO-B, DRD2, and DAT genes – Co-investigator
KBN Grant 2 P05C 031 30 (individual grant) – Vancomycin concentration and distribution in allogeneic rat lung transplants – Co-investigator
KBN Grant 2P05B11029 (individual grant) – The role of polymorphisms in reduced folate carrier, multidrug resistance gene, methylenetetrahydrofolate reductase, and thymidylate synthase in optimizing methotrexate treatment in rheumatoid arthritis – Principal Investigator
KBN Grant 2P05C03429 (individual grant) – The role of selected genetic factors in bone healing complications – Lead Investigator
Grant N N405 101934 – Effects of Epilobium angustifolium and Serenoa repens extracts on gene expression related to benign prostatic hyperplasia – Co-investigator
Grant N N403 1098 33 (individual grant) – The impact of selected trace elements in hair on the risk of urolithiasis – Co-investigator
Grant N N403 170637 (doctoral advisor grant) – The role of TGF-β1 polymorphism in drug-induced gingival overgrowth in kidney transplant recipients – Principal Investigator
Grant N N402 473437 (doctoral advisor grant) – The role of MMP-1, MMP-3, and MMP-7 polymorphisms in the pathogenesis and pharmacotherapy of rheumatoid arthritis – Principal Investigator
MNiSW Grant N403 034 32/2006 (individual grant) – The impact of CYP2A6 gene polymorphism and nicotine metabolites on the progression of chronic periodontitis in smokers – Co-investigator
Grant N N402 3864 33 (individual grant) – The role of CB1, CB2, COMT, IL1, IL6, IL1Ra, and GCH1 gene polymorphisms in the risk of chronic neuropathic and nociceptive pain – Co-investigator
Grant N N402 016 32 0377 (individual grant) – The role of genetic and metabolic factors modulating homocysteine levels in the pathogenesis of Parkinson's disease, especially dementia-related forms – Co-investigator
Grant N N402 266636 (individual grant) – The role of AIF1 gene SNPs and AIF-1 expression in peripheral blood leukocytes in the pathogenesis and progression of rheumatoid arthritis – Co-investigator
Grant N204 219640 (individual grant) – Synthesis and anticancer activity of novel, potentially bioisosteric pyrimidine-2-thione and pyridine-2-thione derivatives – Co-investigator
Grant 2011/01/B/NZ5/03811 (OPUS) – The role of gene polymorphisms affecting blood-testis barrier integrity (TNF-α, TGF-β3, MMP-2, MMP-9, TIMP-2) in male infertility – Principal Investigator
Grant UMO-2011/03/N/NZ7/04683 (OPUS) – Drug receptors and transporters in the male gonad – Scientific Supervisor
Grant UMO-2015/18/M/NZ7/000410 (OPUS) – Drug transporters and their regulation in pathological liver conditions – Principal Investigator
Grant UMO-2015/17/B/NZ7/03066 (OPUS) – Comparative mRNA expression and quantitative protein profiling of drug-metabolizing enzymes and transporters in the human liver and gastrointestinal tract – Principal Investigator
(Duplicate of above)
Grant UMO-2015/18/M/NZ7/000410 (HARMONIA) – Drug transporters and their regulation in pathological liver conditions – Principal Investigator
Grant UMO-2020/37/B/NZ7/01466 (OPUS) – Drug-metabolizing enzymes in pathological liver conditions: proteomic characterization, transcriptional and epigenetic regulation – Principal Investigator

6. Scientific supervision in doctoral dissertations (as well as completed and in progress) - supervisor

1. Alicja Ciechanowicz – The significance of β-adrenergic receptor gene mutations in sodium sensitivity of blood pressure (2002)
2. Katarzyna Kotrych – The significance of MDR1 gene polymorphism and P-glycoprotein (GP-170) expression in patients after allogeneic kidney transplantation (2005) – summa cum laude distinction
3. Mateusz Kurzawski – The significance of thiopurine methyltransferase polymorphism in azathioprine intolerance in kidney transplant recipients (2005) – summa cum laude distinction
4. Hanna Podraza – The significance of CYP2D6 and NAT2 gene polymorphisms in the etiopathogenesis of Parkinson's disease (2005)
5. Lilianna Bartnicka – The effect of MDR1 gene polymorphism encoding P-glycoprotein (Gp-170) on digoxin secretion into saliva (2006)
6. Tomasz Rudaś – The significance of MDR1 and reduced folate carrier (RFC-1) gene polymorphisms in the treatment of rheumatoid arthritis (2007)
7. Joanna Stefankiewicz – The significance of MDR1 gene polymorphism in the pathogenesis of male infertility (2008)
8. Anna Dębna – The effect of β1-adrenergic receptor and GNB3 gene polymorphisms on the course of dobutamine stress echocardiography (2010)
9. Agnieszka Lener – The role of metalloproteinase polymorphisms in the pathogenesis and pharmacotherapy of rheumatoid arthritis (2011)
10. Małgorzata Kozak – The significance of TGF-β1 polymorphism in the pathogenesis of drug-induced gingival overgrowth in patients after allogeneic kidney transplantation (2011) – summa cum laude distinction
11. Natalia Szlarb – The role of IL-6 in the pathogenesis of early miscarriages (2011)
12. Joanna Łapczuk – Expression of selected drug transporters and metabolizing enzymes in the gastrointestinal tract (2015) – summa cum laude distinction

13. Anna Wajda – Expression of selected nuclear receptors, drug transporters, and drug-metabolizing enzymes in the male rat gonad (2015)
14. Katarzyna Oronowicz – The significance of OCTN2 gene polymorphism in the pathogenesis of male infertility (2015) – summa cum laude distinction
15. Urszula Broś – Association of TGFB3 gene polymorphism with male infertility (21.02.2017)
16. Magdalena Perużyńska – Application of nanomaterials as carriers for anticancer drugs (21.03.2017) – summa cum laude distinction
17. Olga Henryka Motyl – Association of membrane transporter gene polymorphisms with their expression in term placentas from healthy pregnancies (24.04.2018)
18. Ewa Gieruszczak – Characterization of ABC and SLC superfamily transport protein expression in the parotid gland (25.06.2019)
19. Justyna Grzegółkowska – Characterization of monocarboxylate transporter 1 in pathological liver conditions (16.02.2021)
20. Paweł Grzegółkowski – Characterization of membrane transporters in seminal vesicles (19.04.2022) – summa cum laude distinction
21. Magdalena Zawadzka – Investigation of genetic factors contributing to unstable angina (16.12.2022) – summa cum laude distinction

7. Activity in scientific organizations, expert teams, etc.

Chairman of the Szczecin Branch of the Polish Pharmacological Society, 2001–2007; President of the Polish Pharmacological Society, 2013–2016
Vice-Chairman of the Local Ethics Committee for Animal Experiments in Szczecin, 2000–2006; Member, 2006–2009
Member of the Bioethics Committee at the Pomeranian Medical University in Szczecin, 2002–2010; Chairman, 2010–present
Member of the Bioethics Committee at the Medical Chamber in Szczecin, 2003–2007, 2010–2023; Chairman, 2007–2009
Provincial Consultant in Clinical Pharmacology, 2002–2015
Vice-Dean for Foreign Students, Pomeranian Medical University, Szczecin, 2002–2008
Member of the Interdisciplinary Team for the Ministry of Science and Higher Education Program "Support for International Mobility of Scientists", 2007–2010
Member of the Interdisciplinary Team for Preparatory Grants of the Ministry of Science and Higher Education, 2007–2010
Member of the Committee on Physiological and Pharmacological Sciences of the Polish Academy of Sciences, 2011–2015, 2018
Member of the National Examination Board in Clinical Pharmacology, 2012–present
Member of the Expert Team for Accreditation of Specialist Training in Clinical Pharmacology, 2012–present
Chairman of the NZ7 Expert Panel, and Member of the Permanent NZ Panel of the National Science Centre (multiple terms)

8. Awards, prizes, certificates - related to scientific or teaching activities

Scholarship from the Foundation for Polish Science (1995)
Prime Minister's Award (2000)
Multiple Rector's Awards from the Pomeranian Medical University for scientific achievements (1st, 2nd, and 3rd degree) in the years 1996–2021
West Pomeranian Nobel Prize in Medical Sciences (2007)
"Amicus Scientiae" Award from the Szczecin Scientific Society (1997)
Minister of Health Award (2023)

9. Academic commitment and competence to support scientific and teaching activities:

1989 (4 weeks): Department of Cardiology, University of Lausanne, Switzerland
1991 (2 weeks): Department of Physiology, University of Freiburg, Germany
1996/1997 (2 years): Department of Internal Medicine, Laboratory of Gene Therapy, Pamplona, Spain
1999 (6 months): Department of Pathology and Laboratory Medicine, University of Pennsylvania, USA

10. Scientific achievements

	Total number of works	**Number of works with IF**	**Number of works with MNiSW scores**	**Total IF value**	**Total MNiSW** score
Total	466	221	307	640.624	10994

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Droździk Agnieszka, Barczak Katarzyna, Bosiacki Mateusz, Kupnicka Patrycja, Cenariu Diana, Uriciuc Willi Andrei, Chlubek Dariusz, Lipski Mariusz, Droździk Marek, Baranowska-Bosiacka Irena
TO: Analysis of the expression and activity of cyclooxygenases COX-1 and COX-2 in THP-1 monocytes and macrophages cultured with xenogenic collagen matrices biofunctionalized with the injectable platelet-rich fibrin.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 9, id. art. 4386, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
2.
AU: Nowak Anna, Muzykiewicz-Szymańska Anna, Perużyńska Magdalena, Kucharska Edyta, Kucharski Łukasz, Jakubczyk Karolina, Niedźwiedzka-Rystwej Paulina, Stefanowicz-Hajduk Justyna, Droździk Marek, Majtan Juraj
TO: Assessment of in vitro skin permeation and accumulation of phenolic acids from honey and honey-based pharmaceutical formulations.
CZ: BMC Complement Med. Ther.
SZ: 2025 : vol. 25, nr 1, id. art. 43, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 3.400
Pkt. MNiSW: 100.000
3.
AU: Kukowka Arnold, Droździk Marek
TO: Cardiac myosin inhibitors in the treatment of hypertrophic cardiomyopathy: clinical trials and future challenges.
CZ: Biomolecules
SZ: 2025 : vol. 15, nr 8, id. art. 1098, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.500
Pkt. MNiSW: 100.000
4.
AU: Rzeczycki Patryk, Pęciak Oliwia, Plust Martyna, Droździk Marek
TO: Molecular aspects of geriatric pharmacotherapy.
CZ: Cells
SZ: 2025 : vol. 14, nr 17, id. art. 1363, 28 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.200
Pkt. MNiSW: 140.000
5.
AU: Honselmann Genannt Humme Joanna, Dubrowska Kamila, Perużyńska Magdalena, Droździk Marek, Birger Radosław, Jurkiewicz Martyna, Kędzierski Tomasz, Mijowska Ewa, Idzik Tomasz, Sośnicki Jacek G., Filipek Elżbieta, Piz Mateusz, Rakoczy Rafał, Augustyniak Adrian
TO: Multi-walled carbon nanotubes as reusable boosters of pyocyanin production for anticancer research.
CZ: Appl. Microbiol. Biotechnol.
SZ: 2025 : vol. 109, nr 1, id. art. 167
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 4.300
Pkt. MNiSW: 100.000
6.
AU: Perużyńska Magdalena, Birger Radosław, Kłos Patrycja, Kwiecień Halina, Struk Łukasz, Sośnicki Jacek G., Lafanechere Laurence, Droździk Marek
TO: The co-administration of paclitaxel with novel pyridine and benzofuran derivatives that inhibit tubulin polymerisation: a promising anticancer strategy.
CZ: Pharmaceutics
SZ: 2025 : vol. 17, nr 2, id. art. 223, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.500
Pkt. MNiSW: 100.000
7.
AU: Komaniecka Nina, Kurzawski Mateusz, Szeląg-Pieniek Sylwia, Łapczuk-Romańska Joanna, Post Mariola, Adamiak-Giera Urszula, Droździk Marek
TO: Transcriptional regulation of CYP2E1: promoter methylation in in vitro models and human liver disease samples.
CZ: Genes
SZ: 2025 : vol. 16, nr 8, id. art. 990, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
8.
AU: Wenzel Christoph, Łapczuk-Romańska Joanna, Malinowski Damian, Ostrowski Marek, Droździk Marek, Oswald Stefan
TO: Comparative intra-subject analysis of gene expression and protein abundance of major and minor drug metabolizing enzymes in healthy human jejunum and liver.
CZ: Clin. Pharmacol. Ther.
SZ: 2024 : vol. 115, nr 2, s. 221-230, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.500
Pkt. MNiSW: 140.000
9.
AU: Perużyńska Magdalena, Nowak Anna, Muzykiewicz-Szymańska Anna, Kucharski Łukasz, Klebeko Joanna, Bilska Karolina, Kopciuch Ewelina, Birger Radosław, Droździk Marek, Ossowicz-Rupniewska Paula
TO: Comprehensive evaluation of ibuprofenate amino acid isopropyl esters: insights into antioxidant activity, cytocompatibility, and cyclooxygenase inhibitory potential.
CZ: Pharmacol. Rep.
SZ: 2024 : vol. 76, nr 6, s. 1470-1481, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.800
Pkt. MNiSW: 140.000
10.
AU: Perużyńska Magdalena, Birger Radosław, Piotrowska Katarzyna, Kwiecień Halina, Droździk Marek, Kurzawski Mateusz
TO: Microtubule destabilising activity of selected 7-methoxy-2-phenylbenzo[b]furan derivative against primary and metastatic melanoma cells.
CZ: Eur. J. Pharmacol.
SZ: 2024 : vol. 964, id. art. 176308, il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.700
Pkt. MNiSW: 100.000
11.
AU: Malinowski Damian, Piotrowska Katarzyna, Droździk Marek, Pawlik Andrzej
TO: Solute carrier transporters in synovial membrane and Hoffa's Pad of patients with rheumatoid arthritis.
CZ: Arch. Immunol. Ther. Exp.
SZ: 2024 : vol. 72, nr 1, 15 s. il. tab. bibliogr. summ.
CF: Polish article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
12.
AU: Komaniecka Nina, Maroszek Sonia, Droździk Maria, Oswald Stefan, Droździk Marek
TO: Transporter proteins as therapeutic drug targets - with a focus on SGLT2 inhibitors.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 13, id. art. 6926, 35 s. il. tab. bibliogr. summ.
CF: foreign article

CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
13.
AU: Gholizadeh Maryam, Łapczuk-Romańska Joanna, Post Mariola, Komaniecka Nina, Mazlooman Seyed Reza, Kaderali Lars, Droździk Marek
TO: A mixture method for robust detection hcv early diagnosis biomarker with ml approach and molecular docking.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 8, id. art. 7207, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
14.
AU: Perużyńska Magdalena, Nowak Anna, Birger Radosław, Ossowicz-Rupniewska Paula, Konopacki Maciej, Rakoczy Rafał, Kucharski Łukasz, Wenelska Karolina, Klimowicz Adam, Droździk Marek, Kurzawski Mateusz
TO: Anticancer properties of bacterial cellulose membrane containing ethanolic extract of Epilobium angustifolium L.
CZ: Front. Bioeng. Biotechnol.
SZ: 2023 : vol. 11, id. art. 1133345, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 4.300
Pkt. MNiSW: 100.000
15.
AU: Jaschke Markus, Oswald Stefan, Droździk Marek
TO: Do statins increase the risk of tendon rupture? A qualitative systematic review.
CZ: Pomeranian J. Life Sci.
SZ: 2023 : t. 69, nr 3, s. 17-26, il. tab. bibliogr. summ.
CF: Polish article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
16.
AU: Droździk Agnieszka, Droździk Marek
TO: Drug-induced gingival overgrowth-molecular aspects of drug actions.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 6, id. art. 5448, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
17.
AU: Gholizadeh Maryam, Hadizadeh Morteza, Mazlooman Seyed Reza, Eslami Saeid, Raoufi Sadegh, Farsimadan Marziye, Rashidifar Maryam, Droździk Marek, Mehrabani Mehrnaz
TO: Integrative multi-platform meta-analysis of hepatocellular carcinoma gene expression profiles for identifying prognostic and diagnostic biomarkers.
CZ: Genes Dis.
SZ: 2023 : vol. 10, s. 1194-1196, il. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.900
Pkt. MNiSW: 140.000
18.
AU: Łapczuk-Romańska Joanna, Droździk Maria, Oswald Stefan, Droździk Marek
TO: Kidney drug transporters in pharmacotherapy.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 3, id. art. 2856, 17 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
19.
AU: Jurewicz Alina, Dziedziejko Violetta, Rać Monika, Białecka Marta, Safranow Krzysztof, Kurzawski Mateusz, Malinowski Damian, Bosiacki Mateusz, Leźnicka Katarzyna, Bohatyrewicz Andrzej, Białecka Monika, Droździk Marek, Machoy-Mokrzyńska Anna
TO: Level of disability after total hip replacement in patients with some COMT gene polymorphism.
CZ: J. Clin. Med.
SZ: 2023 : vol. 12, nr 24, id. art. 7652, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000
20.
AU: Droździk Marek, Łapczuk-Romańska Joanna, Wenzel Christoph, Skalski Łukasz, Szeląg-Pieniek Sylwia, Post Mariola, Parus Arkadiusz, Syczewska Marta, Kurzawski Mateusz, Oswald Stefan
TO: Protein abundance of drug metabolizing enzymes in human hepatitis C livers.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 5, id. art. 4543, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
21.
AU: Nowak Anna, Zagórska-Dziok Martyna, Perużyńska Magdalena, Cybulska Krystyna, Kucharska Edyta, Ossowicz-Rupniewska Paula, Piotrowska Katarzyna, Duchnik Wiktoria, Kucharski Łukasz, Sulikowski Tadeusz, Droździk Marek, Klimowicz Adam
TO: Assessment of the anti-inflammatory, antibacterial and anti-aging properties and possible use on the skin of hydrogels containing epilobium angustifolium L. extracts.
CZ: Front. Pharmacol.
SZ: 2022 : vol. 13, id. art. 896706, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 5.600
Pkt. MNiSW: 100.000
22.
AU: Wenzel Christoph, Gödtke Lisa, Reichstein Anne, Keiser Markus, Busch Diana, Droździk Marek, Oswald Stefan
TO: Gene expression and protein abundance of nuclear receptors in human intestine and liver: A new application for mass spectrometry-based targeted proteomics.
CZ: Molecules
SZ: 2022 : vol. 27, nr 14, id. art. 4629, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 4.600
Pkt. MNiSW: 140.000
23.
AU: Malinowski Damian, Grzegółkowski Paweł, Piotrowska Katarzyna, Słojewski Marcin, Droździk Marek
TO: Membrane transporters and carriers in human seminal vesicles.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 8, id. art. 2213, 12 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
24.
AU: Droździk Agnieszka, Droździk Marek
TO: Oral pathology in COVID-19 and SARS-CoV-2 infection-molecular aspects.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 3, id. art. 1431, 13 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
25.

AU: Droździk Marek, Łapczuk-Romańska Joanna, Wenzel Christoph, Skalski Łukasz, Szeląg-Pieniek Sylwia, Post Mariola, Syczewska Marta, Kurzawski Mateusz, Oswald Stefan
TO: Protein abundance of drug transporters in human hepatitis C livers.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 14, id. art. 7947, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
26.
AU: Kłos Patrycja, Perużyńska Magdalena, Baśkiewicz-Hałasa Magdalena, Skupin-Mrugalska Paulina, Majcher Małgorzata, Sawczuk Magdalena, Szostak Bartosz, Droździk Marek, Machaliński Bogusław, Chlubek Dariusz
TO: Response of skin-derived and metastatic human malignant melanoma cell lines to thymoquinone and thymoquinone-loaded liposomes.
CZ: Pharmaceutics
SZ: 2022 : vol. 14, nr 11, id. art. 2309, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.400
Pkt. MNiSW: 100.000
27.
AU: Malinowski Damian, Zawadzka Magda, Safranow Krzysztof, Droździk Marek, Pawlik Andrzej
TO: SELL and GUCY1A1 gene polymorphisms in patients with unstable angina.
CZ: Biomedicines
SZ: 2022 : vol. 10, nr 10, id. art. 2494, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.700
Pkt. MNiSW: 100.000
28.
AU: Kurzawski Mateusz, Szeląg-Pieniek Sylwia, Łapczuk-Romańska Joanna, Wrzesiński Maciej, Oswald Stefan, Droździk Marek
TO: The reference liver-CYP450 and UGT enzymes in healthy donor and metastatic livers: the impact of genotype.
CZ: Pharmacol. Rep.
SZ: 2022 : vol. 74, nr 1, s. 204-215, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 100.000

Name:	ANNA JAKUBOWSKA
Title/Degree:	Prof. dr hab.
Organizational unit (department/department/clinic):	Independent Laboratory of Molecular Biology and Genetic Diagnostics
Position:	Professor
Email address for business contact:	anna.jakubowska@pum.edu.pl
Represented scientific discipline:	pharmaceutical sciences 25% / medical sciences 75%

1. Education and scientific degrees

Institute and Location	Degree	Year conferred	Field of study
University of Adam Mickiewicz, Poznań	M.Sc.	1991-1996	Molecular biology
Pomeranian Academy of Medicine, Szczecin	Ph.D.	2001	Medical biology; Genetics
Pomeranian Medical University, Szczecin	Habilitation	2010	Medical biology; Genetics
	Professor	2018	

2. Academic employment – career history

1996-2000	Assistant in Department of Genetics and Pathology / Hereditary Cancer Center, Pomeranian Medical University of Szczecin
2001-2013	Assistant Professor in Department of Genetics and Pathology / Hereditary Cancer Center, Pomeranian Medical University of Szczecin
2003-2005	Guest Scientist, DKFZ, Heidelberg, Germany
2006	3-month UICC fellowship in DKFZ, Heidelberg, Germany
2006 - still	Member of the National Chamber of Laboratory Diagnosticians
2007	The professional title of laboratory diagnostician
2011-2019	Member of Committee of Human Genetics and Molecular Pathology, Faculty of Medical Sciences of the Polish Academy of Sciences
2000 - still	Member of Polish Society of Human Genetics
2013-2018	Associate Professor in Department of Genetics and Pathology / Hereditary Cancer Center, Pomeranian Medical University of Szczecin
2016-2020	Dean of the Faculty of Medical Biotechnology and Laboratory Medicine, Pomeranian Medical University in Szczecin
2018 - still	Head of the Independent Laboratory of Molecular Biology and Genetic Diagnostics, Pomeranian Medical University in Szczecin

3. Specialization

- 2007, Medical Laboratory Genetics
- 2024, Medical Molecular Genetics

4. Research area(s) and scientific interests

Molecular analyses to identify genetic and epigenetic factors in cancer predisposition, diagnostics, treatment and survival:

- germline pathogenic variants in genes associated with high risk of cancer
- somatic variants related to diagnostics, progression and treatment options
- epigenetic factors and modifiers of cancer
- life-style, hormonal and environmental factors in cancer disease

5. Research projects

Principal investigator:

- Title: Constitutional BRCA1 gene methylation as a risk factor for breast cancer
  Host institution: Pomeranian Medical University in Szczecin
  Source of funding: NCN
  Project ID: PUM-6/15 / PB
- Title: High-risk cancer genetic test based on the assessment of blood / serum concentrations of selected metals - Cd, Pb, Hg, Ni, Cr and genes of enzymes metabolizing them
  Host institution: Pomeranian Medical University in Szczecin
  Source of funding: NCBiR
  Project ID: PBS3 / B7 / 26/2015
- Title: Development of a comprehensive risk prediction model for BRCA1 and BRCA2 mutation carriers
  Host institution: Pomeranian Medical University in Szczecin
  Source of funding: ERA NET-TRANSCAN
  Project ID: PUM-3/2014 / CTT

6. Scientific supervision in doctoral dissertations

- Supervisor of 5 Polish and 1 international PhD dissertations

7. Activity in scientific organizations, expert teams, etc.

- Member of the expert team of Remote Evaluator H2020 FET OPEN Call 2018-2020- RIA
- Member of the NCN expert team in the NZ4 thematic panel: Biology at the level of tissues, organs and organisms
- Member of the NAWA expert team
- Member of the ABM expert team
- Scientific cooperation and representative on behalf of PUM (Principal Investigator) in international, multi-center consortia:
  - The Breast Cancer Association Consortium (BCAC), http://bcac.ccge.medschl.cam.ac.uk/
  - The Consortium of Investigators of Modifiers of BRCA1 / 2 (CIMBA), http://apps.ccge.medschl.cam.ac.uk/consortia/cimba/
  - The International BRCA1 / 2 Carrier Cohort Study (IBCCS), http://www.ibccs.nl/Supervisor

8. Awards, prizes, certificates - related to scientific or teaching activities

- 1999, 2003-2008, 2010, 2011 Team Award of the Minister of Health for publications on the molecular biology and diagnosis of predisposition to cancer
- 2007, 2008, 2011-2023 The award of Rector of Pomeranian Medical University for scientific achievements
- 2001 Team Award of the Prime Minister of II degree for the development of the *BRCA1* test
- 2001 and 2002 Fellowship for Young Scientists of the Foundation for Polish Science
- 2002 Award of Prime Minister for outstanding of PhD
- 2010 Award of Prime Minister for habilitation
- 2010 The West Nobel Prize for research on the modifiers of cancer risk in *BRCA1* mutation carriers
- 2012 Bronze Cross of Merit for contribution in protection of health and the development of medicine
- 2020 Silver Cross of Merit for contribution in protection of health and the development of medicine

9. Academic commitment and competence to support scientific and teaching activities:

- Training and courses: Clinical Genetics, Medical Laboratory Genetics
- Participation in many international scientific conferences
- young researchers scientific development supporting
- Research, training and teaching internships,
- Inter-university national and international cooperation

10. Scientific achievements

	Total number of works	**Number of works with IF**	**Number of works with MNiSW scores**	**Total IF value**	**Total MNiSW** score
Total	711	349	397	2772.492	23771

- co-author of 6 Polish granted and commercialized patents
- h-index: 68, number of citations: 20779, without self-citations: 19394

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Gliniewicz Katarzyna, Wokołorczyk Dominika, Kluźniak Wojciech, Stempa Klaudia, Huzarski Tomasz, Rudnicka Helena, Jakubowska Anna, Szwiec Marek, Jarkiewicz-Tretyn Joanna, Cechowska Magdalena, Domagała Paweł, Dębniak Tadeusz, Lener Marcin, Gronwald Jacek, Lubiński Jan, Narod Steven A., Akbari Mohammad R., Cybulski Cezary
TO: Analysis of GEN1 as a breast cancer susceptibility gene in Polish women.
CZ: Int. J. Mol. Sci.
SZ: 2025 : vol. 26, nr 13, id. art. 5991, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
2.
AU: Zanti Maria, O'Mahony Denise G., Parsons Michael T., Dorling Leila, Dennis Joe, Boddicker Nicholas J., Chen Wenan, Hu Chunling, Naven Marc, Yiangou Kristia, Ahearn Thomas U., Ambrosone Christine B., Andrulis Irene L., Antoniou Antonis C., Auer Paul L., Baynes Caroline, Bodelon Clara, Bogdanova Natalia V., Bojesen Stig E., Bolla Manjeet K., Brantley Kristen D., Camp Nicola J., Campbell Archie, Castelao Jose E., Cessna Melissa H., Chang-Claude Jenny, Chen Fei, Chenevix-Trench Georgia, Conroy Don M., Czene Kamila, De Nicolo Arcangela, Domchek Susan M., Dörk Thilo, Dunning Alison M., Eliassen A. Heather, Evans D. Gareth, Fasching Peter A., Figueroa Jonine D., Flyger Henrik, Gago-Dominguez Manuela, García-Closas Montserrat, Glendon Gord, González-Neira Anna, Grassmann Felix, Hadjisavvas Andreas, Haiman Christopher A., Hamann Ute, Hart Steven N., Hartman Mikael B. A., Ho Weang-Kee, Hodge James M., Hoppe Reiner, Howell Sacha J., Jakubowska Anna, Khusnutdinova Elza K., Ko Yon-Dschun, Kraft Peter, Kristensen Vessela N., Lacey James V., Li Jingmei, Lim Geok Hoon, Lindström Sara, Lophatananon Artitaya, Luccarini Craig, Mannermaa Arto, Martinez Maria Elena, Mavroudis Dimitrios, Milne Roger L., Muir Kenneth, Nathanson Katherine L., Nunez-Torres Rocio, Obi Nadia, Olson Janet E., Palmer Julie R., Panayiotidis Mihalis I., Patel Alpa V., Pharoah Paul D. P., Polley Eric C., Rashid Muhammad U., Ruddy Kathryn J., Saloustros Emmanouil, Sawyer Elinor J., Schmidt Marjanka K., Southey Melissa C., Tan Veronique Kiak-Mien, Teo Soo Hwang, Teras Lauren R., Torres Diana, Trentham-Dietz Amy, Truong Thérese, Vachon Celine M., Wang Qin, Weitzel Jeffrey N., Yadav Siddhartha, Yao Song, Zirpoli Gary R., Cline Melissa S., Devilee Peter, Tavtigian Sean V., Goldgar David E., Couch Fergus J., Easton Douglas F., Spurdle Amanda B., Michailidou Kyriaki
TO: Analysis of more than 400,000 women provides case-control evidence for BRCA1 and BRCA2 variant classification.
CZ: Nat. Commun.
SZ: 2025 : vol. 16, nr 1, id. art. 4852, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 15.700
Pkt. MNiSW: 200.000
3.
AU: Matuszczak Milena, Kiljańczyk Adam, Marciniak Wojciech, Derkacz Róża, Stempa Klaudia, Baszuk Piotr, Bryśkiewicz Marta, Cybulski Cezary, Dębniak Tadeusz, Gronwald Jacek, Huzarski Tomasz, Lener Marcin, Jakubowska Anna, Szwiec Marek, Stawicka-Niełacna Małgorzata, Godlewski Dariusz, Prusaczyk Artur, Jasiewicz Andrzej, Kluz Tomasz, Tomiczek-Szwiec Joanna, Kilar-Kobierzycka Ewa, Siołek Monika, Wiśniowski Rafał, Posmyk Renata, Jarkiewicz-Tretyn Joanna, Scott Rodney, Lubiński Jan
TO: Antioxidant properties of zinc and copper-blood zinc-to copper-ratio as a marker of cancer risk brca1 mutation carriers.
CZ: Antioxidants (Basel)
SZ: 2024 : vol. 13, nr 7, id. art. 841, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.600
Pkt. MNiSW: 100.000
4.
AU: Derkacz Róża, Marciniak Wojciech, Baszuk Piotr, Wysokińska Monika, Chrzanowska Natalia, Lener Marcin, Huzarski Tomasz, Gronwald Jacek, Dębniak Tadeusz, Cybulski Cezary, Jakubowska Anna, Scott Rodney J., Lubiński Jan
TO: Blood cadmium level is a marker of cancer risk in men.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 9, id. art. 1309, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
5.
AU: Kiljańczyk Adam, Matuszczak Milena, Marciniak Wojciech, Derkacz Róża, Stempa Klaudia, Baszuk Piotr, Bryśkiewicz Marta, Cybulski Cezary, Dębniak Tadeusz, Gronwald Jacek, Huzarski Tomasz, Lener Marcin R., Jakubowska Anna, Cheriyan Angela, Szwiec Marek, Stawicka-Niełacna Małgorzata, Godlewski Dariusz, Prusaczyk Artur, Jasiewicz Andrzej, Kluz Tomasz, Tomiczek-Szwiec Joanna, Kilar-Kobierzycka Ewa, Siołek Monika, Wiśniowski Rafał, Posmyk Renata, Jarkiewicz-Tretyn Joanna, Sun Ping, Scott Rodney J., Narod Steven A., Lubiński Jan
TO: Blood iodine as a potential marker of the risk of cancer in BRCA1 carriers.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 11, id. art. 1788, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
6.
AU: Kiljańczyk Adam, Matuszczak Milena, Marciniak Wojciech, Derkacz Róża, Stempa Klaudia, Baszuk Piotr, Bryśkiewicz Marta, Lubiński Krzysztof, Cybulski Cezary, Dębniak Tadeusz, Gronwald Jacek, Huzarski Tomasz, Lener Marcin R., Jakubowska Anna, Szwiec Marek, Stawicka-Niełacna Małgorzata, Godlewski Dariusz, Prusaczyk Artur, Jasiewicz Andrzej, Kluz Tomasz, Tomiczek-Szwiec Joanna, Kilar-Kobierzycka Ewa, Siołek Monika, Wiśniowski Rafał, Posmyk Renata, Jarkiewicz-Tretyn Joanna, Sun Ping, Scott Rodney J., Narod Steven A., Lubiński Jan
TO: Blood lead level as marker of increased risk of ovarian cancer in BRCA1 carriers.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 11, id. art. 1370, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
7.
AU: Davidson Aimee L, Michailidou Kyriaki, Parsons Michael T., Fortuno Cristina, Bolla Manjeet K., Wang Qin, Dennis Joe, Naven Marc, Abubakar Mustapha, Ahearn Thomas, Alonso M. Rosario, Andrulis Irene L., Antoniou Antonis C, Auvinen Paivi, Behrens Sabine, Bermisheva Marina A, Bogdanova Natalia V., Bojesen Stig E., Brüning Thomas, Byers Helen, Camp Nicola J., Campbell Archie, Castelao Jose E., Cessna Melissa H, Chang-Claude Jenny, Chanock Stephan J., Chenevix-Trench Georgia, Collée J. Margriet, Czene Kamila, Dörk Thilo, Eriksson Mikael, Evans D. Gareth, Fasching Peter A, Figueroa Jonine D., Flyger Henrik, Gago-Dominguez Manuela, García-Closas Montserrat, Glendon Gord, González-Neira Anna, Grassmann Felix, Gronwald Jacek, Guénel Pascal, Hadjisavvas Andreas, Haeberle Lothar, Hall Per, Hamann Ute, Hartman Mikael, Ho Peh Joo, Hooning Maartie J., Hoppe Reiner, Howell Anthony, Jakubowska Anna, Khusnutdinova Elza, Kristensen Vessela N., Li Jingmei, Lim Joanna, Lindblom Annika, Liu Jenny, Lophatananon Artitaya, Mannermaa Arto, Mavroudis Dimitrios, Mensenkamp Arjen R., Milne Riger L., Muir Kenneth R., Newman William G., Obi Nadia, Panayiotidis Mihalis I, Park Sue K., Park-Simon Tjoung-Won, Peterlongo Paolo, Radice Paolo, Rashid Muhammad U., Rhenius Valerie, Saloustros Emmanouil, Sawyer Elinor J., Schmidt Marjanka K, Seibold Petra, Shah Mitul, Southey Melisasa C., Teo Soo Hwang, Tomlinson Ian, Torres Diana, Truong Therese, van de Beek Irma, van der Hout Annemarie H., Wendt Camilla, Dunning Alison, Pharoah Paul D. P., Devilee Peter, Easton Douglas F., James Paul A., Spurdle Amanda B.
TO: Co-observation of germline pathogenic variants in breast cancer predisposition genes: Results from analysis of the BRIDGES sequencing dataset.
CZ: Am. J. Hum. Genet.
SZ: 2024 : vol. 111, nr 9, s. 2059-2069, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 8.100
Pkt. MNiSW: 200.000

8.
AU: Pietrzak Sandra, Marciniak Wojciech, Derkacz Róża, Matuszczak Milena, Kiljańczyk Adam, Baszuk Piotr, Bryśkiewicz Marta, Sikorski Andrzej, Gronwald Jacek, Słojewski Marcin, Cybulski Cezary, Gołąb Adam, Huzarski Tomasz, Dębniak Tadeusz, Lener Marcin R., Jakubowska Anna, Kluz Tomasz, Soroka Marianna, Scott Rodney J., Lubiński Jan
TO: Cobalt serum level as a biomarker of cause-specific survival among prostate cancer patients.
CZ: Cancers
SZ: 2024 : vol. 16, nr 15, id. art. 2618, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.400
Pkt. MNiSW: 140.000
9.
AU: Saner Flurina A M, Takahashi Kazuaki, Budden Timothy, Pandey Ahwan, Ariyaratne Dinuka, Zwimpfer Tibor A, Meagher Nicola S., Fereday Sian, Twomey Laura, Pishas Kathleen I, Hoang Therese, Bolithon Adelyn, Traficante Nadia, Alsop Kathryn, Christie Elizabeth L, Kang Eun-Young, Nelson Gregg S, Ghatage Prafull, Lee Cheng-Han, Riggan Marjorie J., Alsop Jennifer, Beckmann Mathias W., Boros Jessica, Brand Alison H., Brooks-Wilson Angela, Carney Michael E., Coulson Penny, Courtney-Brooks Madeleine, Cushing-Haugen Kara L., Cybulski Cezary, El-Bahrawy Mona A., Elishaev Esther, Erber Ramona, Gayther Simon A., Gentry-Maharaj Aleksandra, Gilks Blake C., Harnett Paul R., Harris Holly R., Hartmann Arndt, Hein Alexander, Hendley Joy, Hernandez Brenda Y., Jakubowska Anna, Jimenez-Linan Mercedes, Jones Michael E., Kaufmann Scott H., Kennedy Catherine J, Kluz Tomasz, Koziak Jennifer M., Kristjansdottir Bjorg, Le Nhu D., Lener Marcin, Lester Jenny, Lubiński Jan, Mateoiu Constantina, Orsulic Sandra, Ruebner Matthias, Schoemaker Minouk J, Shah Mitul, Sharma Raghwa, Sherman Mark E., Shvetsov Yurii B., Soong T Rinda, Steed Helen, Sukumvanich Paniti, Talhouk Aline, Taylor Sarah E., Vierkant Robert A., Wang Chen, Widschwendter Martin, Wilkens Lynne R., Winham Stacey J., Anglesio Michael S., Berchuck Andrew, Brenton James D., Campbell Ian, Cook Linda S, Doherty Jennifer A, Fasching Peter A, Turzanski Fortner Renée, Goodman Marc T., Gronwald Jacek, Huntsman David G., Karlan Beth Y., Kelemen Linda E., Menon Usha, Modugno Francesmary, Pharoah Paul D. P., Schildkraut Joellen M, Sundfeldt Karin, Swerdlow Anthony J., Goode Ellen L., deFazio Anna, Köbel Martin, Ramus Susan J, Bowtell David D. L., Garsed Dale W
TO: Concurrent RB1 loss and BRCA-deficiency predicts enhanced immunological response and long-term survival in Tubo-Ovarian High-Grade serous carcinoma.
CZ: Clin. Cancer Res.
SZ: 2024 : vol. 30, nr 16, s. 3481-3498, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 10.200
Pkt. MNiSW: 200.000
10.
AU: Pietrzak Sandra, Marciniak Wojciech, Derkacz Róża, Matuszczak Milena, Kiljańczyk Adam, Baszuk Piotr, Bryśkiewicz Marta, Sikorski Andrzej, Gronwald Jacek, Słojewski Marcin, Cybulski Cezary, Gołąb Adam, Huzarski Tomasz, Dębniak Tadeusz, Lener Marcin R., Jakubowska Anna, Kluz Tomasz, Scott Rodney J., Lubiński Jan
TO: Correlation between selenium and zinc levels and survival among prostate cancer patients.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 4, id. art. 527, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
11.
AU: Rył Aleksandra, Tomska Natalia, Jakubowska Anna, Ogrodniczak Alicja, Palma Joanna, Rotter Iwona
TO: Genetic aspects of problematic and risky internet use in young men - analysis of ANKK1, DRD2 and NTRK3 gene polymorphism.
CZ: Genes
SZ: 2024 : vol. 15, nr 2, id. art. 169, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
12.
AU: Zawiślak Alicja, Woźniak Krzysztof, Kawala Beata, Gupta Satish, Znamirowska-Bajowska Anna, Grocholewicz Katarzyna, Lubiński Jan, Jakubowska Anna
TO: Investigating single nucleotide polymorphisms in the etiology of cleft lip and cleft palate in the Polish population.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 17, id. art. 9310, 11 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
13.
AU: Yiangou Kristia, Mavaddat Nasim, Dennis Joe, Zanti Maria, Wang Qin, Bolla Manjeet K., Abubakar Mustapha, Ahearn Thomas U., Andrulis Irene L., Anton-Culver Hoda, Antonenkova Natalia N., Arndt Volker, Aronson Kristan J., Augustinsson Annelie, Baten Adinda, Behrens Sabine, Bermisheva Marina, de Gonzalez Amy Berrington, Białkowska Katarzyna, Boddicker Nicholas, Bodelon Clara, Bogdanova Natalia V., Bojesen Stig E., Brantley Kristen D., Brauch Hiltrud, Brenner Hermann, Camp Nicola J., Canzian Federico, Castelao Jose E., Cessna Melissa H., Chang-Claude Jenny, Chenevix-Trench Georgia, Chung Wendy K., Colonna Sarah V., Couch Fergus J., Cox Angela, Cross Simon S., Czene Kamila, Daly Mary B., Devilee Peter, Dörk Thilo, Dunning Alison M., Eccles Diana M., Eliassen A. Heather, Engel Christoph, Eriksson Mikael, Evans D. Gareth, Fasching Peter A., Fletcher Olivia, Flyger Henrik, Fritschi Lin, Gago-Dominguez Manuela, Gentry-Maharaj Aleksandra, González-Neira Anna, Guénel Pascal, Hahnen Eric, Haiman Christopher A., Hamann Ute, Hartikainen Jaana M., Ho Vikki, Hodge James, Hollestelle Antoinette, Honisch Ellen, Hooning Maartje J., Hoppe Reiner, Hopper John L., Howell Sacha, Howell Anthony, Jakovchevska Simona, Jakubowska Anna, Jernström Helena, Johnson Nichola, Kaaks Rudolf, Khusnutdinova Elza K., Kitahara Cari M., Koutros Stella, Kristensen Vessela N., Lacey James V., Lambrechts Diether, Lejbkowicz Flavio, Lindblom Annika, Lush Michael, Mannermaa Arto, Mavroudis Dimitrios, Menon Usha, Murphy Rachel A., Nevanlinna Heli, Obi Nadia, Offit Kenneth, Park-Simon Tjoung-Won, Patel Alpa V., Peng Cheng, Peterlongo Paolo, Pita Guillermo, Plaseska-Karanfilska Dijana, Pylkäs Katri, Radice Paolo, Rashid Muhammad U., Rennert Gad, Roberts Eleanor, Rodriguez Juan, Romero Atocha, Rosenberg Efraim H., Saloustros Emmanouil, Sandler Dale P., Sawyer Elinor J., Schmutzler Rita K., Scott Christopher G., Shu Xiao-Ou, Southey Melissa C., Stone Jennifer, Taylor Jack A., Teras Lauren R., van de Beek Irma, Willett Walter, Winqvist Robert, Zheng Wei, Vachon Celine M., Schmidt Marjanka K., Hall Per, MacInnis Robert J., Milne Roger L., Pharoah Paul D. P., Simard Jacques, Antoniou Antonis C., Easton Douglas F., Michailidou Kyriaki
TO: Polygenic score distribution differences across European ancestry populations: implications for breast cancer risk prediction.
CZ: Breast Cancer Res.
SZ: 2024 : vol. 26, nr 1, id. art. 189, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
14.
AU: Szwiec Marek, Marciniak Wojciech, Derkacz Róża, Huzarski Tomasz, Gronwald Jacek, Cybulski Cezary, Dębniak Tadeusz, Jakubowska Anna, Lener Marcin R., Falco Michał, Kładny Józef, Baszuk Piotr, Kotsopoulos Joanne, Narod Steven A., Lubiński Jan
TO: Serum levels of copper and zinc and survival in breast cancer patients.
CZ: Nutrients
SZ: 2024 : vol. 16, nr 7, id. art. 1000, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000
15.
AU: Zawiślak Alicja, Woźniak Krzysztof, Tartaglia Gianluca, Kawala Beata, Gupta Satish, Znamirowska-Bajowska Anna, Grocholewicz Katarzyna, Lubiński Jan, Jakubowska Anna
TO: Testing reported associations of gene variants with non-syndromic orofacial clefts in the Polish population.
CZ: Biomedicines
SZ: 2024 : vol. 12, nr 8, id. art. 1700, 11 s. tab. bibliogr. summ.
CF: foreign article

CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 100.000
16.
AU: Xin Yang, Mooij Thea M., Leslie Goska, Ficorella Lorenzo, Andrieu Nadine, Kast Karin, Singer Christian F., Jakubowska Anna, van Gils Carla H., Tan Yen Y., Engel Christoph, Adank Muriel A., van Asperen Christi J., Ausems Margreet G. E. M., Berthet Pascaline, Collee Margriet J., Cook Jackie A., Eason Jacqueline, van Spaendonck-Zwarts Karin Y., Evans D. Gareth, Gómez García Encarna B., Hanson Helen, Izatt Louise, Kemp Zoe, Lalloo Fiona, Lasset Christine, Lesueur Fabienne, Musgrave Hannah, Nambot Sophie, Nogues Catherine, Oosterwijk Jan C., Stoppa-Lyonnet Dominique, Tischkowitz Marc, Tripathi Vishakha, Wevers Marijke R., Zhao Emily, van Leeuwen Flora E., Schmidt Marjanka K., Easton Douglas F., Rookus Matti A., Antoniou Antonis C.
TO: Validation of the BOADICEA model in a prospective cohort of BRCA1/2 pathogenic variant carriers.
CZ: J. Med. Genet.
SZ: 2024 : vol. 61, nr 8, s. 803-809, il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.700
Pkt. MNiSW: 140.000
17.
AU: Matuszczak Milena, Kiljańczyk Adam, Marciniak Wojciech, Derkacz Róża, Stempa Klaudia, Baszuk Piotr, Bryśkiewicz Marta, Sun Ping, Cheriyan Angela, Cybulski Cezary, Dębniak Tadeusz, Gronwald Jacek, Huzarski Tomasz, Lener Marcin R., Jakubowska Anna, Szwiec Marek, Stawicka-Niełacna Małgorzata, Godlewski Dariusz, Prusaczyk Artur, Jasiewicz Andrzej, Kluz Tomasz, Tomiczek-Szwiec Joanna, Kilar-Kobierzycka Ewa, Siołek Monika, Wiśniowski Rafał, Posmyk Renata, Jarkiewicz-Tretyn Joanna, Scott Rodney J., Narod Steven A., Lubiński Jan
TO: Zinc and its antioxidant properties: the potential use of blood zinc levels as a marker of cancer risk in BRCA1 mutation carriers.
CZ: Antioxidants (Basel)
SZ: 2024 : vol. 13, nr 5, id. art. 609, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 6.600
Pkt. MNiSW: 100.000
18.
AU: Mueller Stefanie H., Lai Alvina G., Valkovskaya Maria, Michailidou Kyriaki, Bolla Manjeet K., Wang Qin, Dennis Joe, Lush Michael, Abu-Ful Zomoruda, Ahearn Thomas U., Andrulis Irene L., Anton-Culver Hoda, Antonenkova Natalia N., Arndt Volker, Aronson Kristan J., Augustinsson Annelie, Baert Thais, Freeman Laura E. Beane, Beckmann Matthias W., Behrens Sabine, Benitez Javier, Bermisheva Marina, Blomqvist Carl, Bogdanova Natalia V., Bojesen Stig E., Bonanni Bernardo, Brenner Hermann, Brucker Sara Y., Buys Saundra S., Castelao Jose E., Chan Tsun L., Chang-Claude Jenny, Chanock Stephen J., Choi Ji-Yeob, Chung Wendy K., Colonna Sarah V., Cornelissen Sten, Couch Fergus J., Czene Kamila, Daly Mary B., Devilee Peter, Dork Thilo, Dossus Laure, Dwek Miriam, Eccles Diana M., Ekici Arif B., Eliassen A. Heather, Engel Christoph, Evans D. Gareth, Fasching Peter A., Fletcher Olivia, Flyger Henrik, Gago-Dominguez Manuela, Gao Yu-Tang, García-Saenz Jose A., Genkinger Jeanine, Gentry-Maharaj Aleksandra, Grassmann Felix, Guenel Pascal, Gundert Melanie, Haeberle Lothar, Hahnen Eric, Haiman Christopher A., Hakansson Niclas, Hall Per, Harkness Elaine F., Harrington Patricia A., Hartikainen Jaana M., Hartman Mikael, Hein Alexander, Ho Weang-Kee, Hooning Maartje J., Hoppe Reiner, Hopper John L., Houlston Richard S., Howell Anthony, Hunter David J., Huo Dezheng, Ito Hidemi, Iwasaki Motoki, Jakubowska Anna, Janni Wolfgang, John Esther M., Jones Michael E., Jung Audrey, Kaaks Rudolf, Khusnutdinova Elza K., Kim Sung-Won, Kitahara Cari M., Koutros Stella, Kraft Peter, Kristensen Vessela N., Kubelka-Sabit Katerina, Kurian Allison W., Kwong Ava, Lacey James V., Lambrechts Diether, Le Marchand Loic, Li Jingmei, Linet Martha, Lo Wing-Yee, Long Jirong, Lophatananon Artitaya, Mannermaa Arto, Manoochehri Mehdi, Margolin Sara, Matsuo Keitaro, Mavroudis Dimitrios, Menon Usha, Muir Kenneth, Murphy Rachel A., Nevanlinna Heli, Newman William G., Niederacher Dieter, O'Brien Katie M., Obi Nadia, Offit Kenneth, Olopade Olufunmilayo I., Olshan Andrew F., Hakan Olsson, Park Sue K., Patel Alpa V., Patel Achal, Perou Charles M., Peto Julian, Pharoah Paul D. P., Plaseska-Karanfilska Dijana, Presneau Nadege, Rack Brigitte, Radice Paolo, Ramachandran Dhanya, Rashid Muhammad U., Rennert Gad, Romero Atocha, Ruddy Kathryn J., Ruebner Matthias, Saloustros Emmanouil, Sandler Dale P., Sawyer Elinor J., Schmidt Marjanka K., Schmutzler Rita K., Schneider Michael O., Scott Christopher, Shah Mitul, Sharma Priyanka, Shen Chen-Yang, Shu Xiao-Ou, Simard Jacques, Surowy Harald, Tamimi Rulla M., Tapper William J., Taylor Jack A., Teo Soo Hwang, Teras Lauren R., Toland Amanda E., Tollenaar Rob A. E. M., Torres Diana, Torres-Mejía Gabriela, Troester Melissa A., Truong Therese, Vachon Celine M., Vijai Joseph, Weinberg Clarice R., Wendt Camilla, Winqvist Robert, Wolk Alicja, Wu Anna H., Yamaji Taiki, Yang Xiaohong R., Yu Jyh-Cherng, Zheng Wei, Ziogas Argyrios, Ziv Elad, Dunning Alison M., Easton Douglas F., Hemingway Harry, Hamann Ute, Kuchenbaecker Karoline B.
TO: Aggregation tests identify new gene associations with breast cancer in populations with diverse ancestry.
CZ: Genome Med.
SZ: 2023 : vol. 15, nr 1, id. art. 7, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 10.400
Pkt. MNiSW: 140.000
19.
AU: Kast Karin, John Esther M., Hopper John L., Andrieu Nadine, Nogues Catherine, Mouret-Fourme Emmanuelle, Lasset Christine, Fricker Jean-Pierre, Berthet Pascaline, Mari Véronique, Salle Lucie, Schmidt Marjanka K., Ausems Margreet G. E. M., Garcia Encarnacion B. Gomez, van de Beek Irma, Wevers Marijke R., Evans D. Gareth, Tischkowitz Marc, Lalloo Fiona, Cook Jackie, Izatt Louise, Tripathi Vishakha, Snape Katie, Musgrave Hannah, Sharif Saba, Murray Jennie, Colonna Sarah V., Andrulis Irene L., Daly Mary B., Southey Melissa C., de la Hoya Miguel, Osorio Ana, Foretova Lenka, Berkova Dita, Gerdes Anne-Marie, Olah Edith, Jakubowska Anna, Singer Christian F., Tan Yen, Augustinsson Annelie, Rantala Johanna, Simard Jacques, Schmutzler Rita K., Milne Roger L., Phillips Kelly-Anne, Terry Mary Beth, Goldgar David, van Leeuwen Flora E., Mooij Thea M., Antoniou Antonis C., Easton Douglas F., Rookus Matti A., Engel Christoph
TO: Associations of height, body mass index, and weight gain with breast cancer risk in carriers of a pathogenic variant in BRCA1 or BRCA2: the BRCA1 and BRCA2 Cohort Consortium.
CZ: Breast Cancer Res.
SZ: 2023 : vol. 25, nr 1, id. art. 72, 13 s. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 6.100
Pkt. MNiSW: 140.000
20.
AU: van Barele Mark, Akdeniz Delal, Heemskerk-Gerritsen Bernadette A., Andrieu Nadine, Nogues Catherine, van Asperen Christi J., Wevers Marijke, Ausems Margreet G. E. M., de Bock Geertruida H., Dommering Charlotte J., Gómez-García Encarnacion B., van Leeuwen Flora E., Mooij Thea M., Easton Douglas F., Antoniou Antonis C., Evans D. Gareth, Izatt Louise, Tischkowitz Marc, Frost Debra, Brewer Carole, Olah Edit, Simard Jacques, Singer Christian F., Thomassen Mads, Kast Karin, Rhiem Kerstin, Engel Christoph, de la Hoya Miguel, Foretová Lenka, Jakubowska Anna, Jager Agnes, Sattler Margriet G. A., Schmidt Marjanka K., Hooning Maartje J.
TO: Contralateral breast cancer risk in patients with breast cancer and a germline-BRCA1/2 pathogenic variant undergoing radiation.
CZ: J. Natl Cancer Inst.
SZ: 2023 : vol. 115, nr 11, s. 1318-1328, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 10.000
Pkt. MNiSW: 200.000
21.
AU: Muhammad Noor, Azeem Ayesha, Bakar Muhammad, Prajzendanc Karolina, Loya Asif, Jakubowska Anna, Hamann Ute, Rashid Mugammad Usman
TO: Contribution of constitutional BRCA1 promoter methylation to early-onset and familial breast cancer patients from Pakistan.
CZ: Breast Cancer Res. Treat.
SZ: 2023 : vol. 202, nr 2, s. 377-387, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.000
Pkt. MNiSW: 140.000

22.
AU: Hess Timo, Maj Carlo, Gehlen Jan, Borisov Oleg, Haas Stephan L., Gockel Ines, Vieth Michael, Piessen Guillaume, Alakus Hakan, Vashist Yogesh, Pereira Carina, Knapp Michael, Schüller Vitalia, Quaas Alexander, Grabsch Heike I., Trautmann Jessica, Malecka-Wojciesko Ewa, Mokrowiecka Anna, Speller Jan, Mayr Andreas, Schröder Julia, Hillmer Axel M., Heider Dominik, Lordick Florian, Pérez-Aísa Ángeles, Campo Rafael, Espinel Jesús, Geijo Fernando, Thomson Concha, Bujanda Luis, Sopena Federico, Lanas Ángel, Pellisé María, Pauligk Claudia, Goetze Thorsten Oliver, Zelck Carolin, Reingruber Julian, Hassanin Emadeldin, Elbe Peter, Alsabeah Sandra, Lindblad Mats, Nilsson Magnus, Kreuser Nicole, Thieme René, Tavano Francesca, Pastorino Roberta, Arzani Dario, Persiani Roberto, Jung Jin-On, Nienhüser Henrik, Ott Katja, Schumann Ralf R., Kumpf Oliver, Burock Susen, Arndt Volker, Jakubowska Anna, Ławniczak Małgorzata, Moreno Victor, Martín Vicente, Kogevinas Manolis, Pollán Marina, Dąbrowska Justyna, Salas Antonio, Cussenot Olivier, Boland-Auge Anne, Daian Delphine, Deleuze Jean-Francois, Salvi Erika, Teder-Laving Maris, Tomasello Gianluca, Ratti Margherita, Senti Chiara, De Re Valli, Steffan Agostino, Hölscher Arnulf H., Messerle Katharina, Bruns Christiane Josephine, Sivins Armands, Bogdanova Inga, Skieceviciene Jurgita, Arstikyte Justina, Moehler Markus, Lang Hauke, Grimminger Peter P., Kruschewski Martin, Vassos Nikolaos, Schildberg Claus, Lingohr Philipp, Ridwelski Karsten, Lippert Hans, Fricker Nadine, Krawitz Peter, Hoffmann Per, Nöthen Markus M., Veits Lothar, Izbicki Jakob R., Mostowska Adrianna, Martinón-Torres Federico, Cusi Daniele, Adolfsson Rolf, Cancel-Tassin Geraldine, Höblinger Aksana, Rodermann Ernst, Ludwig Monika, Keller Gisela, Metspalu Andres, Brenner Hermann, Heller Joerg, Neef Markus, Schepke Michael, Dumoulin Franz Ludwig, Hamann Lutz, Cannizzaro Renato, Ghidini Michele, Plaßmann Dominik, Geppert Michael, Malfertheiner Peter, Gehlen Olivier, Skoczylas Tomasz, Majewski Marek, Lubiński Jan, Palmieri Orazio, Boccia Stefania, Latiano Anna, Aragones Nuria, Schmidt Thomas, Dinis-Ribeiro Mário, Medeiros Rui, Al-Batran Salah-Eddin, Leja Marcis, Kupcinskas Juozas, García-González María A., Venerito Marino, Schumacher Johannes
TO: Dissecting the genetic heterogeneity of gastric cancer.
CZ: EBioMedicine
SZ: 2023 : vol. 92, id. art. 104616, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 9.700
Pkt. MNiSW: 140.000
23.
AU: Levi Hagai, Carmi Shai, Rosset Saharon, Yerushalmi Rinat, Zick Aviad, Yablonski-Peretz Tamar, Wang Qin, Bolla Manjeet K., Dennis Joe, Michailidou Kyriaki, Lush Michael, Ahearn Thomas, Andrulis Irene L., Anton-Culver Hoda, Antoniou Antonis C, Arndt Volker, Augustinsson Annelie, Auvinen Paivi, Beane Freeman Laura E., Beckmann Mathias, Behrens Sabine, Bermisheva Marina, Bodelon Clara, Bogdanova Natalia V., Bojesen Stig E., Brenner Hermann, Byers Helen, Camp Nicola J., Castelao Jose, Chang-Claude Jenny, Chirlaque María-Dolores, Chung Wendy, Clarke Christine, Collee J. Margriet, Colonna Sarah, Couch Fergus, Cox Angela, Cross Simon S., Czene Kamila, Daly Mary, Devilee Peter, Dork Thilo, Dossus Laure, Eccles Diana M., Eliassen Heather A., Eriksson Mikael, Evans D. Gareth, Fasching Peter, Fletcher Olivia, Flyger Henrik, Fritschi Lin, Gabrielson Marike, Gago-Dominguez Manuela, García-Closas Montserrat, Garcia-Saenz Jose Angel, Genkinger Jeanine, Giles Graham G., Goldberg Mark, Guénel Pascal, Hall Per, Hamann Ute, He Wei, Hillemanns Peter, Hollestelle Antoinette, Hoppe Reiner, Hopper John, Jakovchevska Simona, Jakubowska Anna, Jernström Helena, John Esther, Johnson Nichola, Jones Michael, Vijai Joseph, Kaaks Rudolf, Khusnutdinova Elza, Kitahara Cari, Koutros Stella, Kristensen Vessela, Kurian Allison W., Lacey James, Lambrechts Diether, Marchand Loic Le, Lejbkowicz Flavio, Lindblom Annika, Loibl Sibylle, Lori Adriana, Lubiński Jan, Mannermaa Arto, Manoochehri Mehdi, Mavroudis Dimitrios, Menon Usha, Mulligan Anna Marie, Murphy Rachel, Nevelsteen Ines, Newman William G., Obi Nadia, O'Brien Katie, Offit Ken, Olshan Andrew, Plaseska-Karanfilska Dijana, Olson Janet, Panico Salvatore, Park-Simon Tjoung-Won, Patel Alpa, Peterlongo Paolo, Rack Brigitte, Radice Paolo, Rennert Gad, Rhenius Valerie, Romero Atocha, Saloustros Emmanouil, Sandler Dale, Schmidt Marjanka K, Schwentner Lukas, Shah Mitul, Sharma Priyanka, Simard Jacques, Southey Melissa, Stone Jennifer, Tapper William J., Taylor Jack, Teras Lauren, Toland Amanda E., Troester Melissa A., Truong Thérese, van der Kolk Lizet E., Weinberg Clarice, Wendt Camilla, Yang Xiaohong Rose, Zheng Wei, Ziogas Argyrios, Dunning Alison M, Pharoah Paul, Easton Douglas F., Ben-Sachar Shay, Elefanti Naama, Shamir Ron, Elkon Ran
TO: Evaluation of European-based polygenic risk score for breast cancer in Ashkenazi Jewish women in Israel.
CZ: J. Med. Genet.
SZ: 2023 : vol. 60, nr 12, s. 1186-1197, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.600
Pkt. MNiSW: 140.000
24.
AU: Figlioli Gisella, Billaud Amandine, Ahearn Thomas U., Antonenkova Natalia N., Becher Heiko, Beckmann Mathias W., Behrens Sabine, Benitez Javier, Bermisheva Marina, Blok Marinus J., Bogdanova Natalia V., Bonanni Bernardo, Burwinkel Barbara, Camp Nicola J., Campbell Archie, Castelao Jose E., Cessna Melissa H, Chanock Stephan J., Czene Kamila, Devilee Peter, Dörk Thilo, Engel Christoph, Eriksson Mikael, Fasching Peter A, Figueroa Jonine D., Gabrielson Marike, Gago-Dominguez Manuela, García-Closas Montserrat, González-Neira Anna, Grassmann Felix, Guénel Pascal, Gündert Melanie, Hadjisavvas Andreas, Hahnen Eric, Hall Per, Hamann Ute, Harrington Patricia A., He Wei, Hillemanns Peter, Hollestelle Antoinette, Hooning Maartie J., Hoppe Reiner, Howell Anthony, Humphreys Kaith, Jager Agnes, Jakubowska Anna, Khusnutdinova Elza, Ko Yon-Dschun, Kristensen Vessela N., Lindblom Annika, Lissowska Jolanta, Lubiński Jan, Mannermaa Arto, Manoukian Siranoush, Margolin Sara, Mavroudis Dimitrios, Newman William G., Obi Nadia, Panayiotidis Mihalis I, Rashid Muhammad U., Rhenius Valerie, Rookus Matti, Saloustros Emmanouil, Sawyer Elinor J., Schmutzler Rita K, Shah Mitul, Sironen Reijo, Southey Melisasa C., Suvanto Maija, Tollenaar Rob A.E.M., Tomlinson Ian, Truong Therese, van der Kolk Lizet E., van Veen Elke M., Wappenschmidt Barbara, Yang Xiachong R., Bolla Manjeet K., Dennis Joe, Dunning Alison M, Easton Douglas F., Lush Michael, Michailidou Kyriaki, Pharoah Paul D.P., Wang Qin, Adank Muriel A., Schmidt Marjanka K, Andrulis Irene L., Chang-Claude Jenny, Nevanlinna Heli, Chenevix-Trench Georgia, Evans D. Gareth, Milne Riger L., Radice Paolo, Peterlongo Paolo
TO: FANCM missense variants and breast cancer risk: a case-control association study of 75,156 European women.
CZ: Eur. J. Hum. Genet.
SZ: 2023 : vol. 31, nr 5, s. 578-587, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
25.
AU: Weir Ashley, Kang Eun-Young, Meagher Nicola S., Nelson Gregg S., Ghatage Prafull, Lee Cheng-Han, Riggan Marjorie J., Gentry-Maharaj Aleksandra, Ryan Andy, Singh Naveena, Widschwendter Martin, Alsop Jennifer, Anglesio Michael S., Beckmann Matthias W., Berger Jessica, Bisinotto Christiani, Boros Jessica, Brand Alison H., Brenton James D., Brooks-Wilson Angela, Carney Michael E., Cunningham Julie M., Cushing-Haugen Kara L., Cybulski Cezary, Elishaev Esther, Erber Ramona, Fereday Sian, Fischer Anna, Paz-Ares Luis, Gayarre Javier, Gilks Blake C., Grube Marcel, Harnett Paul R., Harris Holly R., Hartmann Arndt, Hein Alexander, Hendley Joy, Hernandez Brenda Y., Heublein Sabine, Huang Yajue, Huzarski Tomasz, Jakubowska Anna, Jimenez-Linan Mercedes, Kennedy Catherine J., Kommoss Felix K. F., Koziak Jennifer M., Kraemer Bernhard, Le Nhu D., Lesnock Jaime, Lester Jenny, Lubiński Jan, Menkiszak Janusz, Ney Britta, Olawaiye Alexander, Orsulic Sandra, Osorio Ana, Robles-Díaz Luis, Ruebner Matthias, Shah Mitul, Sharma Raghwa, Shvetsov Yurii B., Steed Helen, Talhouk Aline, Taylor Sarah E., Traficante Nadia, Vierkant Robert A., Wang Chen, Wilkens Lynne R., Winham Stacey J., Benitez Javier, Berchuck Andrew, Bowtell David D., Candido Dos Reis Francisco J., Cook Linda S., deFazio Anna, Doherty Jennifer A., Fasching Peter A., García María J., Goode Ellen L., Goodman Marc T., Gronwald Jacek, Huntsman David G., Karlan Beth Y., Kommoss Stefan, Modugno Francesmary, Schildkraut Joellen M., Sinn Hans-Peter, Staebler Annette, Kelemen Linda E., Ford Caroline E., Menon Usha, Pharoah Paul D. P., Köbel Martin, Ramus Susan J.
TO: Increased FOXJ1 protein expression is associated with improved overall survival in high-grade serous ovarian carcinoma: an Ovarian Tumor Tissue Analysis Consortium Study.
CZ: Br. J. Cancer
SZ: 2023 : vol. 128, nr 1, s. 137-147, il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 6.400

Pkt. MNiSW: 140.000
26.
AU: O'Mahony Denise G., Ramus Susan J., Southey Melissa C., Meagher Nicola S., Hadjisavvas Andreas, John Esther M., Hamann Ute, Imyanitov Evgeny N., Andrulis Irene L., Sharma Priyanka, Daly Mary B., Hake Christopher R., Weitzel Jeffrey N., Jakubowska Anna, Godwin Andrew K., Arason Adalgeir, Bane Anita, Simard Jacques, Soucy Penny, Caligo Maria A., Mai Phuong L., Claes Kathleen B. M., Teixeira Manuel R., Chung Wendy K., Lazaro Conxi, Hulick Peter J., Toland Amanda E., Pedersen Inge Sokilde, Neuhausen Susan L., Vega Ana, de la Hoya Miguel, Nevanlinna Heli, Dhawan Mallika, Zampiga Valentina, Danesi Rita, Varesco Liliana, Gismondi Viviana, Vellone Valerio Gaetano, James Paul A., Janavicius Ramunas, Nikitina-Zake Liene, Nielsen Finn Cilius, van Overeem Hansen Thomas, Pejovic Tanja, Borg Ake, Rantala Johanna, Offit Kenneth, Montagna Marco, Nathanson Katherine L., Domchek Susan M., Osorio Ana, García María J., Karlan Beth Y., de Fazio Anna, Bowtell David, McGuffog Lesley, Leslie Goska, Parsons Michael T., Dörk Thilo, Speith Lisa-Marie, Dos Santos Elizabeth Santana, da Costa Alexandre André B. A., Radice Paolo, Peterlongo Paolo, Papi Laura, Engel Christoph, Hahnen Eric, Schmutzler Rita K., Wappenschmidt Barbara, Easton Douglas F., Tischkowitz Marc, Singer Christian F., Tan Yen Yen, Whittemore Alice S., Sieh Weiva, Brenton James D., Yannoukakos Drakoulis, Fostira Florentia, Konstantopoulou Irene, Soukupova Jana, Vocka Michal, Chenevix-Trench Georgia, Pharoah Paul D. P., Antoniou Antonis C., Goldgar David E., Spurdle Amanda B., Michailidou Kyriaki
TO: Ovarian cancer pathology characteristics as predictors of variant pathogenicity in BRCA1 and BRCA2.
CZ: Br. J. Cancer
SZ: 2023 : vol. 128, nr 1, s. 2283-2294, il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 6.400
Pkt. MNiSW: 140.000
27.
AU: Köbel Martin, Kang Eun-Young, Weir Ashley, Rambau Peter F., Lee Cheng-Han, Nelson Gregg S., Ghatage Prafull, Meagher Nicola S., Riggan Marjorie J., Alsop Jennifer, Anglesio Michael S., Beckmann Matthias W., Bisinotto Christiani, Boisen Michelle, Boros Jessica, Brand Alison H., Brooks-Wilson Angela, Carney Michael E., Coulson Penny, Courtney-Brooks Madeleine, Cushing-Haugen Kara L., Cybulski Cezary, Deen Suha, El-Bahrawy Mona A., Elishaev Esther, Erber Ramona, Fereday Sian, Fischer Anna, Gayther Simon A., Barquin-Garcia Arantzazu, Gentry-Maharaj Aleksandra, Gilks C. Blake, Gronwald Helena, Grube Marcel, Harnett Paul R., Harris Holly R., Hartkopf Andreas D., Hartmann Arndt, Hein Alexander, Hendley Joy, Hernandez Brenda Y., Huang Yajue, Jakubowska Anna, Jimenez-Linan Mercedes, Jones Michael E., Kennedy Catherine J., Kluz Tomasz, Koziak Jennifer M., Lesnock Jaime, Lester Jenny, Lubiński Jan, Longacre Teri A., Lycke Maria, Mateoiu Constantina, McCauley Bryan M., McGuire Valerie, Ney Britta, Olawaiye Alexander, Orsulic Sandra, Paz-Ares Luis, Ramón y Cajal Teresa, Rothstein Joseph H., Ruebner Matthias, Schoemaker Minouk J., Shah Mitul, Sharma Raghwa, Sherman Mark E., Shvetsov Yurii B., Singh Naveena, Steed Helen, Storr Sarah J., Talhouk Aline, Traficante Nadia, Wang Chen, Whittemore Alice S., Widschwendter Martin, Wilkens Lynne R., Winham Stacey J., Benitez Javier, Berchuck Andrew, Bowtell David D., Candido Dos Reis Francisco J., Campbell Ian, Cook Linda S., deFazio Anna, Doherty Jennifer A., Fasching Peter A., Fortner Renée T., García María J., Goodman Marc T., Goode Ellen L., Gronwald Jacek, Huntsman David G., Karlan Beth Y., Kelemen Linda E., Kommoss Stefan, Le Nhu D., Martin Stewart G., Menon Usha, Modugno Francesmary, Pharoah Paul Dp, Schildkraut Joellen M., Sieh Weiva, Staebler Annette, Sundfeldt Karin, Swerdlow Anthony J., Ramus Susan J., Brenton James D.
TO: p53 and ovarian carcinoma survival: an Ovarian Tumor Tissue Analysis consortium study.
CZ: J. Pathol. Clin. Res.
SZ: 2023 : vol. 9, nr 3, s. 208-222, il. tab. bibliogr. summ,
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.400
Pkt. MNiSW: 140.000
28.
AU: Wichert Katharina, Hoppe Reiner, Ickstadt Katja, Behrens Thomas, Winter Stefan, Herold Robert, Terschüren Claudia, Lo Wing-Yee, Guénel Pascal, Truong Therese, Bolla Manjeet K., Wang Qin, Dennis Joe, Michailidou Kyriaki, Lush Michael, Andrulis Irene L., Brenner Hermann, Chang-Claude Jenny, Cox Angela, Cross Simon S., Czene Kamila, Eriksson Mikael, Figueroa Jonine D., García-Closas Montserrat, Goldberg Mark S., Hamann Ute, He Wei, Holleczek Bernd, Hopper John L, Jakubowska Anna, Ko Yon-Dschun, Lubiński Jan, Mulligan Anna Marie, Obi Nadia, Rhenius Valerie, Shah Mitul, Shu Xiao-Ou, Simard Jacques, Southey Melissa C., Zheng Wei, Dunning Alison M, Pharoah Paul D.P., Hall Per, Easton Douglas F., Brüning Thomas, Brauch Hiltrud, Harth Volker, Rabstein Sylvia
TO: Polymorphisms in genes of melatonin biosynthesis and signaling support the light-at-night hypothesis for breast cancer.
CZ: Eur. J. Epidemiol.
SZ: 2023 : vol. 38, nr 10, s. 1053-1068, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 7.700
Pkt. MNiSW: 140.000
29.
AU: Lubiński Jan, Lener Marcin R., Marciniak Wojciech, Pietrzak Sandra, Derkacz Róża, Cybulski Cezary, Gronwald Jacek, Dębniak Tadeusz, Jakubowska Anna, Huzarski Tomasz, Matuszczak Milena, Pullella Katherine, Sun Ping, Narod Steven A.
TO: Serum essential elements and survival after cancer diagnosis.
CZ: Nutrients
SZ: 2023 : vol. 15, nr 11, id. art. 2611, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
30.
AU: Figlioli Gisella, Billaud Amandine, Wang Qin, Bolla Manjeet K., Dennis Joe, Lush Michael, Kvist Anders, Adank Muriel A., Ahearn Thomas U., Antonenkova Natalia N., Auvinen Paivi, Behrens Sabine, Bermisheva Marina, Bogdanova Natalia V., Bojesen Stig E., Bonanni Bernardo, Brüning Thomas, Camp Nicola J., Campbell Archie, Castelao Jose E., Cessna Melissa H, Czene Kamila, Devilee Peter, Dörk Thilo, Eriksson Mikael, Fasching Peter A, Flyger Henrik, Gabrielson Marike, Gago-Dominguez Manuela, García-Closas Montserrat, Glendon Gord, Gómez Garcia Encarna B., González-Neira Anna, Grassmann Felix, Guénel Pascal, Hahnen Eric, Hamann Ute, Hillemanns Peter, Hooning Maartie J., Hoppe Reiner, Howell Anthony, Humphreys Kaith, Jakubowska Anna, Khusnutdinova Elza K., Kristensen Vessela N., Lindblom Annika, Loizidou Maria A., Lubiński Jan, Mannermaa Arto, Maurer Tabea, Mavroudis Dimitrios, Newman William G., Obi Nadia, Panayiotidis Mihalis I, Radice Paolo, Rashid Muhammad U., Rhenius Valerie, Ruebner Matthias, Saloustros Emmanouil, Sawyer Elinor J., Schmidt Marjanka K, Schmutzler Rita K, Shah Mitul, Southey Melisasa C., Tomlinson Ian, Truong Therese, van Veen Elke M., Wendt Camilla, Yang Xiachong R., Michailidou Kyriaki, Dunning Alison M, Pharoah Paul D.P., Easton Douglas F., Andrulis Irene L., Evans D. Gareth, Hollestelle Antoinette, Chang-Claude Jenny, Milne Riger L., Peterlongo Paolo
TO: Spectrum and frequency of germline FANCM protein-truncating variants in 44,803 European female breast cancer cases.
CZ: Cancers
SZ: 2023 : vol. 15, nr 13, id. art. 3313, 16 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.500
Pkt. MNiSW: 200.000
31.
AU: Gliniewicz Katarzyna, Kluźniak Wojciech, Wokołorczyk Dominika, Huzarski Tomasz, Stempa Klaudia, Rudnicka Helena, Jakubowska Anna, Szwiec Marek, Jarkiewicz-Tretyn Joanna, Naczk Mariusz, Kluz Tomasz, Dębniak Tadeusz, Gronwald Jacek, Lubiński Jan, Narod Steven A., Akbari Mohammad R., Cybulski Cezary
TO: The APOBEC3B c.783delG truncating mutation is not associated with an increased risk of breast cancer in the Polish population.
CZ: Genes
SZ: 2023 : vol. 14, nr 7, id. art. 1329, 12 s. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 2.800
Pkt. MNiSW: 100.000
32.
AU: Morra Anna, Mavaddat Nasim, Muranen Taru A, Ahearn Thomas U., Allen Jamie, Andrulis Irene L., Auvinen Päivi, Becher Heiko, Behrens Sabine, Blomqvist Carl, Bojesen Stig E., Bolla Manjeet K., Brauch Hiltrud,

Camp Nicola J., Carvalho Sara, Castelao Jose E., Cessna Melissa H, Chang-Claude Jenny, Chenevix-Trench Georgia, Czene Kamila, Decker Brennan, Dennis Joe, Dörk Thilo, Dorling Leila, Dunning Alison M, Ekici Arif B., Eriksson Mikael, Evans D. Gareth, Fasching Peter A, Figueroa Jonine D., Flyger Henrik, Gago-Dominguez Manuela, García-Closas Montserrat, Geurts-Giele Willemina R R, Giles Graham G., Guénel Pascal, Gündert Melanie, Hahnen Eric, Hall Per, Hamann Ute, Harrington Patricia A., He Wei, Heikkilä Päivi, Hooning Maartie J., Hoppe Reiner, Howell Anthony, Humphreys Kaith, Jakubowska Anna, Jung Audrey Y., Keeman Renske, Kristensen Vessela N., Lubiński Jan, Mannermaa Arto, Manoochehri Mehdi, Manoukian Siranoush, Margolin Sara, Mavroudis Dimitrios, Milne Riger L., Mulligan Anna Marie, Newman William G., Park-Simon Tjoung-Won, Peterlongo Paolo, Pharoah Paul D.P., Rhenius Valerie, Saloustros Emmanouil, Sawyer Elinor J., Schmutzler Rita K, Shah Mitul, Spurdle Amanda B., Tomlinson Ian, Truong Thérese, van Veen Elke M., Vreeswijk Maaike P.G., Wang Qin, Wendt Camilla, Yang Xiachong R., Nevanlinna Heli, Devilee Peter, Easton Douglas F., Schmidt Marjanka K
TO: The impact of coding germline variants on contralateral breast cancer risk and survival.
CZ: Am. J. Hum. Genet.
SZ: 2023 : vol. 110, nr 3, s. 475-486, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 8.100
Pkt. MNiSW: 200.000
33.
AU: Cybulski Cezary, Zamani Neda, Kluźniak Wojciech, Milano Larissa, Wokołorczyk Dominika, Stempa Klaudia, Rudnicka Helena, Zhang Shiyu, Zadeh Maryam, Huzarski Tomasz, Jakubowska Anna, Dębniak Tadeusz, Lener Marcin, Szwiec Marek, Domagała Paweł, Samani Amir Abbas, Narod Steven, Gronwald Jacek, Masson Jean-Yves, Lubiński Jan, Akbari Mohammad R.
TO: Variants in ATRIP are associated with breast cancer susceptibility in the Polish population and UK Biobank.
CZ: Am. J. Hum. Genet.
SZ: 2023 : vol. 110, nr 4, s. 648-662, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 8.100
Pkt. MNiSW: 200.000
34.
AU: Dorling Leila, Carvalho Sara, Allen Jamie, Parsons Michael T., Fortuno Cristina, González-Neira Anna, Heijl Stephan M., Adank Muriel A., Ahearn Thomas U., Andrulis Irene L., Auvinen Päivi, Becher Heiko, Beckmann Matthias W., Behrens Sabine, Bermisheva Marina, Bogdanova Natalia V., Bojesen Stig E., Bolla Manjeet K., Bremer Michael, Briceno Ignacio, Camp Nicola J., Campbell Archie, Castelao Jose E., Chang-Claude Jenny, Chanock Stephen J., Chenevix-Trench Georgia, Collée J. Margriet, Czene Kamila, Dennis Joe, Dörk Thilo, Eriksson Mikael, Evans D. Gareth, Fasching Peter A., Figueroa Jonine, Flyger Henrik, Gabrielson Marike, Gago-Dominguez Manuela, García-Closas, Montserrat, Giles Graham G., Glendon Gord, Guénel Pascal, Gündert Melanie, Hadjisavvas Andreas, Hahnen Eric, Hall Per, Hamann Ute, Harkness Elaine F., Hartman Mikael, Hogervorst Frans B. L., Hollestelle Antoinette, Hoppe Reiner, Howell Anthony, Jakubowska Anna, Jung Audrey, Khusnutdinova Elza, Kim Sung-Won, Ko Yon-Dschun, Kristensen Vessela N., Lakeman Inge M. M., Li Jingmei, Lindblom Annika, Loizidou Maria A., Lophatananon Artitaya, Lubiński Jan, Luccarini Craig, Madsen Michael J., Mannermaa Arto, Manoochehri Mehdi, Margolin Sara, Mavroudis Dimitrios, Milne Roger L., Mohd Taib Nur Aishah, Muir Kenneth, Nevanlinna Heli, Newman William G., Oosterwijk Jan C., Park Sue K., Peterlongo Paolo, Radice Paolo, Saloustros Emmanouil, Sawyer Elinor J., Schmutzler Rita K., Shah Mitul, Sim Xueling, Southey Melissa C., Surowy Harald, Suvanto Maija, Tomlinson Ian, Torres Diana, Truong Thérese, van Asperen Christi J., Waltes Regina, Wang Qin, Yang Xiaohong R., Pharoah Paul D. P., Schmidt Marjanka K., Benitez Javier, Vroling Bas, Dunning Alison M., Teo Soo Hwang, Kvist Anders, de la Hoya Miguel, Devilee Peter, Spurdle Amanda B., Vreeswijk Maaike P. G., Easton Douglas F.
TO: Breast cancer risks associated with missense variants in breast cancer susceptibility genes.
CZ: Genome Med.
SZ: 2022 : vol. 14, nr 1, id. art. 51, 17 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
JP: ENG
IF: 12.300
Pkt. MNiSW: 140.000
35.
AU: Janiszewska-Olszowska Joanna, Jakubowska Anna, Gieruszczak Ewa, Jakubowski Kacper, Wawrzyniak Piotr, Grocholewicz Katarzyna
TO: Carotid artery calcifications on panoramic radiographs.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 21, id. art. 14056, 7 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
36.
AU: Ahearn Thomas U., Zhang Haoyu, Michailidou Kyriaki, Milne Roger L., Bolla Manjeet K., Dennis Joe, Dunning Alison M., Lush Michael, Wang Qin, Andrulis Irene L., Anton-Culver Hoda, Arndt Volker, Aronson Kristan J., Auer Paul L., Augustinsson Annelie, Baten Adinda, Becher Heiko, Behrens Sabine, Benitez Javier, Bermisheva Marina, Blomqvist Carl, Bojesen Stig E., Bonanni Bernardo, Borresen-Dale Anne-Lise, Brauch Hiltrud, Brenner Hermann, Brooks-Wilson Angela, Brüning Thomas, Burwinkel Barbara, Buys Saundra S., Canzian Federico, Castelao Jose E., Chang-Claude Jenny, Chanock Stephen J., Chenevix-Trench Georgia, Clarke Christine L., Collée J. Margriet, Cox Angela, Cross Simon S., Czene Kamila, Daly Mary B., Devilee Peter, Dörk Thilo, Dwek Miriam, Eccles Diana M., Evans D. Gareth, Fasching Peter A., Figueroa Jonine, Floris Giuseppe, Gago-Dominguez Manuela, Gapstur Susan M., García-Sáenz José A., Gaudet Mia M., Giles Graham G., Goldberg Mark S., González-Neira Anna, Alnas Grethe I Grenaker, Grip Mervi, Guénel Pascal, Haiman Christopher A., Hall Per, Hamann Ute, Harkness Elaine F., Heemskerk-Gerritsen Bernadette A. M., Holleczek Bernd, Hollestelle Antoinette, Hooning Maartje J., Hoover Robert N., Hopper John L., Howell Anthony, Jakimovska Milena, Jakubowska Anna, John Esther M., Jones Michael E., Jung Audrey, Kaaks Rudolf, Kauppila Saila, Keeman Renske, Khusnutdinova Elza, Kitahara Cari M., Ko Yon-Dschun, Koutros Stella, Kristensen Vessela N., Krüger Ute, Kubelka-Sabit Katerina, Kurian Allison W., Kyriacou Kyriacos, Lambrechts Diether, Lee Derrick G., Lindblom Annika, Linet Martha, Lissowska Jolanta, Llaneza Ana, Lo Wing-Yee, MacInnis Robert J., Mannermaa Arto, Manoochehri Mehdi, Margolin Sara, Martinez Maria Elena, McLean Catriona, Meindl Alfons, Menon Usha, Nevanlinna Heli, Newman William G., Nodora Jesse, Offit Kenneth, Olsson Hakan, Orr Nick, Park-Simon Tjoung-Won, Patel Alpa V., Peto Julian, Pita Guillermo, Plaseska-Karanfilska Dijana, Prentice Ross, Punie Kevin, Radice Paolo, Rennert Gad, Romero Atocha, Rüdiger Thomas, Saloustros Emmanouil, Sampson Sarah, Sandler Dale P., Sawyer Elinor J., Schmutzler Rita K., Schoemaker Minouk J., Schöttker Ben, Sherman Mark E., Shu Xiao-Ou, Smichkoska Snezhana, Southey Melissa C., Spinelli John J., Swerdlow Anthony J., Tamimi Rulla M., Tapper William J., Taylor Jack A., Teras Lauren R., Terry Mary Beth, Torres Diana, Troester Melissa A., Vachon Celine M., van Deurzen Carolien H. M., van Veen Elke M., Wagner Philippe, Weinberg Clarice R., Wendt Camilla, Wesseling Jelle, Winqvist Robert, Wolk Alicja, Yang Xiaohong R., Zheng Wei, Couch Fergus J., Simard Jacques, Kraft Peter, Easton Douglas F., Pharoah Paul D. P., Schmidt Marjanka K., García-Closas Montserrat, Chatterjee Nilanjan
TO: Common variants in breast cancer risk loci predispose to distinct tumor subtypes.
CZ: Breast Cancer Res.
SZ: 2022 : vol. 24, nr 1, id. art. 2, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 7.400
Pkt. MNiSW: 140.000
37.
AU: Meagher Nicola S., Gorringe Kylie L., Wakefield Matthew J., Bolithon Adelyn, Pang Chi Nam Ignatius, Chiu Derek S., Anglesio Michael S., Mallitt Kylie-Ann, Doherty Jennifer A., Harris Holly R., Schildkraut Joellen M., Berchuck Andrew, Cushing-Haugen Kara L., Chezar Ksenia, Chou Angela, Tan Adeline, Alsop Jennifer, Barlow Ellen, Beckmann Matthias W., Boros Jessica, Bowtell David D., Brand Alison H., Brenton James D., Campbell Ian, Cheasley Dane, Cohen Joshua, Cybulski Cezary, Elishaev Esther, Erber Ramona, Farrell Rhonda, Fischer Anna, Fu Zhuxuan, Gilks Blake, Gill Anthony J., Gourley Charlie, Grube Marcel, Harnett Paul, Hartmann Arndt, Hettiaratchi Anusha, Hogdall Claus K., Huzarski Tomasz, Jakubowska Anna, Jimenez-Linan Mercedes, Kennedy Catherine J., Kim Byoung-Gie, Kim Jae-Weon, Kim Jae-Hoon, Klett Kayla, Koziak Jennifer, Lai Tiffany, Laslavic Angela, Lester Jenny, Leung Yee, Li Na, Liauw Winston, Lim Belle W X, Linder Anna, Lubiński Jan, Mahale Sakshi, Mateoiu Constantina, Menkiszak Janusz, Minoo Parham, Mittelstadt Suzana, Morris David, Orsulic Sandra, Park Sang Yoon, Pearce Celeste Leigh, Pearson John V., Pike Malcolm C.,

Quinn Carmel M., Mohan Ganendra Raj, Rao JianYu, Riggan Marjorie J., Ruebner Matthias, Salfinger Stuart, Scott Clare L., Shah Mitul, Steed Helen, Stewart Colin J. R., Subramanian Deepak, Sung Soseul, Tang Katrina, Timpson Paul, Ward Robyn L., Wiedenhoefer Rebekka, Thorne Heather, Cohen Paul A., Crowe Philip, Fasching Peter A., Gronwald Jacek, Hawkins Nicholas J., Hogdall Estrid, Huntsman David G., James Paul A., Karlan Beth Y., Kelemen Linda E., Kommoss Stefan, Konecny Gottfried E., Modugno Francesmary, Park Sue K., Staebler Annette, Sundfeldt Karin, Wu Anna H., Talhouk Aline, Pharoah Paul D. P., Anderson Lyndal, deFazio Anna, Köbel Martin, Friedlander Michael L., Ramus Susan J.
TO: Gene expression profiling of mucinous ovarian tumors and comparison with upper and lower gastrointestinal tumors identifies markers associated with adverse outcomes.
CZ: Clin. Cancer Res.
SZ: 2022 : vol. 28, nr 24, s. 5383-5395, il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 11.500
Pkt. MNiSW: 200.000
38.
AU: Grootes Isabelle, Keeman Renske, Blows Fiona M., Milne Roger L., Giles Graham G., Swerdlow Anthony J., Fasching Peter A., Abubakar Mustapha, Andrulis Irene L., Anton-Culver Hoda, Beckmann Matthias W., Blomqvist Carl, Bojesen Stig E., Bolla Manjeet K., Bonanni Bernardo, Briceno Ignacio, Burwinkel Barbara, Camp Nicola J., Castelao Jose E., Choi Ji-Yeob, Clarke Christine L., Couch Fergus J., Cox Angela, Cross Simon S., Czene Kamila, Devilee Peter, Dörk Thilo, Dunning Alison M., Dwek Miriam, Easton Douglas F., Eccles Diana M., Eriksson Mikael, Ernst Kristina, Evans D. Gareth, Figueroa Jonine D., Fink Visnja, Floris Giuseppe, Fox Stephen, Gabrielson Marike, Gago-Dominguez Manuela, García-Sáenz José A., González-Neira Anna, Haeberle Lothar, Haiman Christopher A., Hall Per, Hamann Ute, Harkness Elaine F., Hartman Mikael, Hein Alexander, Hooning Maartje J., Hou Ming-Feng, Howell Sacha J., Ito Hidemi, Jakubowska Anna, Janni Wolfgang, John Esther M., Jung Audrey, Kang Daehee, Kristensen Vessela N., Kwong Ava, Lambrechts Diether, Li Jingmei, Lubiński Jan, Manoochehri Mehdi, Margolin Sara, Matsuo Keitaro, Taib Nur Aishah Mohd, Mulligan Anna Marie, Nevanlinna Heli, Newman William G., Offit Kenneth, Osorio Ana, Park Sue K., Park-Simon Tjoung-Won, Patel Alpa V., Presneau Nadege, Pylkäs Katri, Rack Brigitte, Radice Paolo, Rennert Gad, Romero Atocha, Saloustros Emmanouil, Sawyer Elinor J., Schneeweiss Andreas, Schochter Fabienne, Schoemaker Minouk J., Shen Chen-Yang, Shibli Rana, Sinn Peter, Tapper William J., Tawfiq Essa, Teo Soo Hwang, Teras Lauren R., Torres Diana, Vachon Celine M., van Deurzen Carolien H. M., Wendt Camilla, Williams Justin A., Winqvist Robert, Elwood Mark, Schmidt Marjanka K., García-Closas Montserrat, Pharoah Paul D. P.
TO: Incorporating progesterone receptor expression into the PREDICT breast prognostic model.
CZ: Eur. J. Cancer
SZ: 2022 : vol. 173, s. 178-193, il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 8.400
Pkt. MNiSW: 140.000
39.
AU: Mavaddat Nasim, Dorling Leila, Carvalho Sara, Allen Jamie, González-Neira Anna, Keeman Renske, Bolla Manjeet K., Dennis Joe, Wang Qin, Ahearn Thomas U., Andrulis Irene L., Beckmann Mathias W., Behrens Sabine, Benitez Javier, Bermisheva Marina, Blomqvist Carl, Bogdanova Natalia V., Bojesen Stig E., Briceno Ignacio, Brüning Thomas, Camp Nicola J., Campbell Archie, Castelao Jose E., Chang-Claude Jenny, Chanock Stephan J., Chenevix-Trench Georgia, Christiansen Hans, Czene Kamila, Dörk Thilo, Eriksson Mikael, Evans D. Gareth, Fasching Peter A, Figueroa Jonine D., Flyger Henrik, Gabrielson Marike, Gago-Dominguez Manuela, Geisler Jürgen, Giles Graham G., Guénel Pascal, Hadjisavvas Andreas, Hahnen Eric, Hall Per, Hamann Ute, Hartikainen Jaana M., Hartman Mikael, Hoppe Reiner, Howell Anthony, Jakubowska Anna, Jung Audrey, Khusnutdinova Elza, Kristensen Vessela N., Li Jingmei, Lim Swee Ho, Lindblom Annika, Loizidou Maria A., Lophatananon Artitaya, Lubiński Jan, Madsen Michael J, Mannermaa Arto, Manoochehri Mehdi, Margolin Sara, Mavroudis Dimitrios, Milne Riger L., Mohd Taib Nur Aishah, Morra Anna, Muir Kenneth, Obi Nadia, Osorio Ana, Park-Simon Tjoung-Won, Peterlongo Paolo, Radice Paolo, Saloustros Emmanouil, Sawyer Elinor J., Schmutzler Rita K, Shah Mitul, Sim Xueling, Southey Melissa C., Thorne Heather, Tomlinson Ian, Torres Diana, Truong Thérese, Yip Cheng Har, Spurdle Amanda B., Vreeswijk Maaike P.G., Dunning Alison M, García-Closas Montserrat, Pharoah Paul D. P., Kvist Anders, Muranen Taru A, Nevanlinna Heli, Hwang Teo Soo, Devilee Peter, Schmidt Marjanka K., Easton Douglas F.
TO: Pathology of tumors associated with pathogenic germline variants in 9 breast cancer susceptibility genes.
CZ: JAMA Oncol.
SZ: 2022 : vol. 8, nr 3, id. art. e216744, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 28.400
Pkt. MNiSW: 200.000
40.
AU: Dixon-Suen Suzanne C., Lewis Sarah J., Martin Richard M., English Dallas R., Boyle Terry, Giles Graham G., Michailidou Kyriaki, Bolla Manjeet K., Wang Qin, Dennis Joe, Lush Michael, Ahearn Thomas U., Ambrosone Christine B., Andrulis Irene L., Anton-Culver Hoda, Arndt Volker, Aronson Kristan J, Augustinsson Annelie, Auvinen Paivi, Freeman Laura E. Beane, Becher Heiko, Beckmann Matthias W, Behrens Sabine, Bermisheva Marina, Blomqvist Carl, Bogdanova Natalia V., Bojesen Stig E., Bonanni Bernardo, Brenner Hermann, Brüning Thomas, Buys Saundra S., Camp Nicola J., Campa Daniele, Canzian Federico, Castelao Jose E., Cessna Melissa H, Chang-Claude Jenny, Chanock Stephen J., Clarke Christine L., Conroy Don M., Couch Fergue J., Cox Angela, Cross Simon S., Czene Kamila, Daly Mary B., Devilee Peter, Dörk Thilo, Dwek Miriam, Eccles Diana M., Eliassen A. Heather, Engel Christoph, Eriksson Mikael, Evans D. Gareth, Fasching Peter A, Fletcher Olivia, Flyger Henrik, Fritschi Lin, Gabrielson Marike, Gago-Dominguez Manuela, García-Closas Montserrat, García-Sáenz José A, Goldberg Mark S., Guénel Pascal, Gündert Melanie, Hahnen Eric, Haiman Christopher A., Häberle Lothar, Hakansson Niclas, Hall Per, Hamann Ute, Hart Steven N., Harvie Michelle, Hillemanns Peter, Hollestelle Antoinette, Hooning Maartje J., Hoppe Reiner, Hopper John, Howell Anthony, Hunter David J., Jakubowska Anna, Janni Wolfgang, John Esther M., Jung Audrey, Kaaks Rudolf, Keeman Renske, Kitahara Cari M., Koutros Stella, Kraft Peter, Kristensen Vessela N., Kubelka-Sabit Katerina, Kurian Allison W., Lacey James V., Lambrechts Diether, Marchand Loic Le, Lindblom Annika, Loibl Sibylle, Lubiński Jan, Mannermaa Arto, Manoochehri Mehdi, Margolin Sara, Martinez Maria Elena, Mavroudis Dimitrios, Menon Usha, Mulligan Anna Marie, Murphy Rachel A., Nevanlinna Heli, Nevelsteen Ines, Newman William G., Offit Kenneth, Olshan Andrew F., Olsson Hakan, Orr Nick, Patel Alpa, Peto Julian, Plaseska-Karanfilska Dijana, Presneau Nadege, Rack Brigitte, Radice Paolo, Rees-Punia Erika, Rennert Gad, Rennert Hedy S., Romero Atocha, Saloustros Emmanouil, Sandler Dale P., Schmidt Marjanka K., Schmutzler Rita K, Schwentner Lukas, Scott Christopher, Shah Mitul, Shu Xiao-Ou, Simard Jacques, Southey Melissa C., Stone Jennifer, Surowy Harald, Swerdlow Anthony J., Tamimi Rulla M., Tapper William J., Taylor Jack A., Terry Mary Beth, Tollenaar Rob A.E.M., Troester Melissa A., Truong Thérese, Untch Michael, Vachon Celine M., Joseph Vijai, Wappenschmidt Barbara, Weinberg Clarice R., Wolk Alicja, Yannoukakos Drakoulis, Zheng Wei, Ziogas Argyrios, Dunning Alison M, Pharoah Paul D.P., Easton Douglas F., Milne Riger L., Lynch Brigid M
TO: Physical activity, sedentary time and breast cancer risk: a Mendelian randomisation study.
CZ: Br. J. Sports Med.
SZ: 2022 : vol. 56, nr 20, s. 1157-1170, tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 18.600
Pkt. MNiSW: 200.000
41.
AU: Dareng Eileen O., Barnes Daniel R., Jones Michelle R., Yang Xin, Aben Katja K. H., Adank Muriel A., Agata Simona, Andrulis Irene L., Anton-Culver Hoda, Antonenkova Natalia N., Aravantinos Gerasimos, Arun Banu K., Augustinsson Annelie, Balmana Judith, Bandera Elisa V., Barkardottir Rosa B., Barrowdale Daniel, Beckmann Matthias W., Beeghly-Fadiel Alicia, Benitez Javier, Bermisheva Marina, Bernardini Marcus Q., Bjorge Line, Black Amanda, Bogdanova Natalia V., Bonanni Bernardo, Borg Ake, Brenton James D., Budzilowska Agnieszka, Butzow Ralf, Buys Saundra S., Cai Hui, Caligo Maria A., Campbell Ian, Cannioto Rikki, Cassingham Hayley, Chang-Claude Jenny, Chanock Stephen J., Chen Kexin, Chiew Yoke-Eng, Chung Wendy K., Claes Kathleen B. M., Colonna Sarah, Cook Linda S., Couch Fergus J., Daly Mary B., Dao Fanny, Davies Eleanor, de la Hoya Miguel, de Putter Robin, Dennis Joe, DePersia Allison, Devilee Peter, Diez Orland, Ding Yuan Chun, Doherty Jennifer A., Domchek Susan M., Dörk Thilo, du Bois Andreas, Dürst Matthias, Eccles Diana M., Eliassen Heather A., Engel Christoph, Evans Gareth D., Fasching Peter A., Flanagan James M., Fortner

Renée T., Machackova Eva, Friedman Eitan, Ganz Patricia A., Garber Judy, Gensini Francesca, Giles Graham G., Glendon Gord, Godwin Andrew K., Goodman Marc T., Greene Mark H., Gronwald Jacek, Hahnen Eric, Haiman Christopher A., Hakansson Niclas, Hamann Ute, Hansen Thomas v. O., Harris Holly R., Hartman Mikael, Heitz Florian, Hildebrandt Michelle A. T., Hogdall Estrid, Hogdall Claus K., Hopper John L., Huang Ruea-Yea, Huff Chad, Hulick Peter J., Huntsman David G., Imyanitov Evgeny N., Isaacs Claudine, Jakubowska Anna, James Paul A., Janavicius Ramunas, Jensen Allan, Johannsson Oskar Th., John Esther M., Jones Michael E., Kang Daehee, Karlan Beth Y., Karnezis Anthony, Kelemen Linda E., Khusnutdinova Elza, Kiemeney Lambertus A., Kim Byoung-Gie, Kjaer Susanne K., Komenaka Ian, Kupryjanczyk Jolanta, Kurian Allison W., Kwong Ava, Lambrechts Diether, Larson Melissa C., Lazaro Conxi, Le Nhu D., Leslie Goska, Lester Jenny, Lesueur Fabienne, Levine Douglas A., Li Lian, Li Jingmei, Loud Jennifer T., Lu Karen H., Lubiński Jan, Mai Phuong L., Manoukian Siranoush, Marks Jeffrey R., Matsuno Rayna Kim, Matsuo Keitaro, May Taymaa, McGuffog Lesley, McLaughlin John R., McNeish Iain A., Mebirouk Noura, Menon Usha, Miller Austin, Milne Roger L., Minlikeeva Albina, Modugno Francesmary, Montagna Marco, Moysich Kirsten B., Munro Elizabeth, Nathanson Katherine L., Neuhausen Susan L., Nevanlinna Heli, Yie Joanne Ngeow Yuen, Nielsen Henriette Roed, Nielsen Finn C., Nikitina-Zake Liene, Odunsi Kunle, Offit Kenneth, Olah Edith, Olbrecht Siel, Olopade Olufunmilayo I., Olson Sara H., Olsson Hakan, Osorio Ana, Papi Laura, Park Sue K., Parsons Michael T., Pathak Harsha, Pedersen Inge Sokilde, Peixoto Ana, Pejovic Tanja, Perez-Segura Pedro, Permuth Jennifer B., Peshkin Beth, Peterlongo Paolo, Piskorz Anna, Radice Paolo, Rantala Johanna, Riggan Marjorie J., Risch Harvey A., Rodriguez-Antona Cristina, Ross Eric, Rossing Mary Anne, Runnebaum Ingo, Sandler Dale P., Santamarina Marta, Soucy Penny, Schmutzler Rita K., Setiawan V. Wendy, Shan Kang, Sieh Weiva, Simard Jacques, Singer Christian F., Sokolenko Anna P., Song Honglin, Southey Melissa C., Steed Helen, Stoppa-Lyonnet Dominique, Sutphen Rebecca, Swerdlow Anthony J., Tan Yen Yen, Teixeira Manuel R., Teo Soo Hwang, Terry Kathryn L., Terry Mary Beth, Thomassen Mads, Thompson Pamela J., Thomsen Liv Cecilie Vestrheim, Thull Darcy L., Tischkowitz Marc, Titus Linda, Toland Amanda E., Torres Diana, Trabert Britton, Travis Ruth, Tung Nadine, Tworoger Shelley S., Valen Ellen, van Altena Anne M., van der Hout Annemieke H., Van Nieuwenhuysen, Els, van Rensburg Elizabeth J., Vega Ana, Edwards Digna Velez, Vierkant Robert A., Wang Frances, Wappenschmidt Barbara, Webb Penelope M., Weinberg Clarice R., Weitzel Jeffrey N., Wentzensen Nicolas, White Emily, Whittemore Alice S., Winham Stacey, Wolk Alicja, Woo Yin-Ling, Wu Anna H., Yan Li, Yannoukakos Drakoulis, Zavaglia Katia M., Zheng Wei, Ziogas Argyrios, Zorn Kristin K., Kleibl Zdenek, Easton Douglas, Lawrenson Kate, deFazio Anna, Sellers Thomas A., Ramus Susan J., Pearce Celeste L., Monteiro Alvaro N., Cunningham Julie, Goode Ellen L., Schildkraut Joellen M., Berchuck Andrew, Chenevix-Trench Georgia, Gayther Simon A., Antoniou Antonis C., Pharoah Paul D. P.
TO: Polygenic risk modeling for prediction of epithelial ovarian cancer risk.
CZ: Eur. J. Hum. Genet.
SZ: 2022 : vol. 30, nr 3, s. 349-362, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Case study
JP: ENG
IF: 5.200
Pkt. MNiSW: 100.000

42.
AU: Giardiello Daniele, Hooning Maartje J., Hauptmann Michael, Keeman Renske, Heemskerk-Gerritsen B. A. M., Becher Heiko, Blomqvist Carl, Bojesen Stig E., Bolla Manjeet K., Camp Nicola J., Czene Kamila, Devilee Peter, Eccles Diana M., Fasching Peter A., Figueroa Jonine D., Flyger Henrik, García-Closas Montserrat, Haiman Christopher A., Hamann Ute, Hopper John L., Jakubowska Anna, Leeuwen Floor E., Lindblom Annika, Lubiński Jan, Margolin Sara, Martinez Maria Elena, Nevanlinna Heli, Nevelsteen Ines, Pelders Saskia, Pharoah Paul D. P., Siesling Sabine, Southey Melissa C., van der Hout Annemieke H., van Hest Liselotte P., Chang-Claude Jenny, Hall Per, Easton Douglas F., Steyerberg Ewout W., Schmidt Marjanka K.
TO: PredictCBC-2.0: a contralateral breast cancer risk prediction model developed and validated in ~ 200,000 patients.
CZ: Breast Cancer Res.
SZ: 2022 : vol. 24, nr 1, id. art. 69, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 7.400
Pkt. MNiSW: 140.000

43.
AU: Cieszyńska Monika, Kluźniak Wojciech, Wokołorczyk Dominika, Cybulski Cezary, Huzarski Tomasz, Gronwald Jacek, Falco Michał, Dębniak Tadeusz, Jakubowska Anna, Derkacz Róża, Marciniak Wojciech, Lener Marcin, Woronko Karolina, Mocarz Dominika, Baszuk Piotr, Bryśkiewicz Marta, Narod Steven A., Lubiński Jan
TO: Risk of second primary thyroid cancer in women with breast cancer.
CZ: Cancers
SZ: 2022 : vol. 14, nr 4, id. art. 957, 9 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.200
Pkt. MNiSW: 140.000

44.
AU: Tomiczek-Szwiec Joanna, Szwiec Marek, Falco Michał, Cybulski Cezary, Wokołorczyk Dominika, Jakubowska Anna, Gronwald Jacek, Stawicka Małgorzata, Godlewski Dariusz, Kilar Ewa, Marczyk Elżbieta, Siołek Monika, Wiśniowski Rafał, Haus Olga, Sibilski Robert, Bodnar Lubomir, Sun Ping, Narod Steven A., Lubiński Jan, Huzarski Tomasz
TO: The impact of oophorectomy on survival from breast cancer in patients with CHEK2 mutations.
CZ: Br. J. Cancer
SZ: 2022 : vol. 127, nr 1, s. 84-91, il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 8.800
Pkt. MNiSW: 140.000

Name:	**DANUTA KOSIK-BOGACKA**
Title/Degree:	Prof. dr hab. n. med.
Organizational unit (department/department/clinic):	Department of Biology, Parasitology and Pharmaceutical Botany
Position:	Professor
Email address for business contact:	danuta.kosik.bogacka@pum.edu.pl
Represented scientific discipline:	pharmaceutical sciences 25% / health sciences 75%

1. Education and scientific degrees

scientific degrees	The year of obtainin	name of university/degree provider
professor title	2020	Pomeranian Medical University in Szczecin (PUM)
habilitation degree	2012	Pomeranian Medical University in Szczecin
doctoral degree	1999	Pomeranian Medical Academy in Szczecin (PAM)
professional degree	1994	University in Szczecin

2. Academic employment – career history

year	position	institution
1995-1999	assistant	Department of Pathophysiology PAM
1999-2001	assistant	Department of Biology and Medical Parasitology PUM
2002-2015	assistant professor	Department of Biology and Medical Parasitology PUM
2015- 2019	Profesor PUM	Department of Biology and Medical Parasitology PUM
2019-2024	head of the department	Independent Laboratory of Pharmaceutical Botany PUM
from 2012	head of the department	Diagnostic Laboratory, Department of Biology and Medical Parasitology PUM
From 2020 r.	head of the department	Experimental Animal Facility PUM
from 2024 r.	head of the department	Department of Biology, Parasitology and Pharmaceutical Botany
2016-2020, 2020-2024 and 2024-2028	vice-dean	Faculty of Pharmacy, Medical Biotechnology and Laboratory Medicine PUM

3. Specialization

A medical laboratory parasitology specialization, Karol Marcinkowski University of Medical Sciences in Poznań, 2011

4. Research area(s) and scientific interests

The main research interests are:

- interactions in parasite-host systems in experimental models,
- trace element loading in human organisms
- electrophysiology of epithelial tissues.

5. Research projects

1. project title: Prevalence of Borrelia burgdorferi s. l. in mosquitoes (Culicidae) caught in the West Pomeranian Voivodship (No. 2 P05D 092 26), completion date: 2004-2006, research project financed by the Ministry of Science and Higher Education (MNiSW), research project leader.

2. project title: ion transport in the rat intestine in the course of experimental hymenolepidosis induced by Hymenolepis diminuta (no. N 404 122 32/3700), term of realization: 2007-2009, research project funded by the Ministry of Science and Higher Education (MNiSW), research project leader.
3. project title: prevalence of Demodex folliculorum and Demodex brevis in immunocompromised patients (No. NN 404 517438), completion date: 2010-2011, research project funded by the Ministry of Science and Higher Education (MNiSW), research project leader.

6. Scientific supervision in doctoral dissertations

- Number of principal supervisor activities - 7
- Number of co-supervisor activities - 1

7. Activity in scientific organizations, expert teams, etc.

- member of the Committee on Medical Parasitology, National Chamber of Laboratory Diagnosticians since 2023.
- chairperson of the expert panel for the opinion on the applications of training bodies in the field of medical laboratory parasitology
- member of the expert panel for reviewing the specialisation programme for laboratory diagnosticians in the field of medical laboratory parasitology
- deputy chairman of the Local Commission for Animal Testing in Szczecin (from 2010 to 2014)
- member of the Local Commission for Animal Testing in Szczecin from 2014 to 2016
- member of the Local Animal Research Committee in Poznan from 2016 to 2020
- member of the Expert Team for revision of the specialisation programme in the field of 'medical laboratory parasitology' (appointment 22.06.2015)
- representative of the Faculty of Medicine for the implementation of the Bologna Process (from 2008 to 2016)
- Plenipotentiary of the Rector for Animal Research at PUM since 2013.
- Member of the Team for the Welfare of Animals Maintained and Used for Scientific Purposes since 2016.
- specialist for organisation of internships in the project 'Internships for students of the Pomeranian Medical University in Szczecin as a ticket to the labour market' POWR.03.01.00-00-S029/17-00 (2017-2019)

8. Awards, prizes, certificates - related to scientific or teaching activities

- team awards of the Rector of PAM/PUM for achievements in 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 and 2023
- individual Teaching Award from the Rector of PUM for achievements in 2013, 2014, 2015 and 2016
- distinction in the PUM Best Teacher competition for the academic year 2016/2017 organised by the PUM Student Parliament
- Bronze Medal for Long Service, for exemplary, exceptionally conscientious performance of professional duties, 2013.
- the Medal of the Commission of National Education, awarded by the Minister of National Education

9. Academic commitment and competence to support scientific and teaching activities:

Training and courses, upgrading scientific and teaching skills,

- Organization and participation in a series of four lectures on the use of animals in biomedical research, lectures held once a month from February to May 2025.
- Participation in the training course "ChatGPT in practice: 30 prompts to support academic activity', 2 June 2025.
- Participation in two training courses organized by the Cross-Departmental Digital Development Team at the Pomeranian Medical University in Szczecin, including OSCE classroom training, CSM room 2, registration at and Artificial Intelligence (AI) online training - 2025.
- Participation in training courses for members of local ethical committees for animal experimentation and animal welfare teams organised monthly by the National Ethical Committee for Animal Research from 2023Courses to improve the qualifications of medical personnel providing health services, including in relation to infectious disease, in particular COVID-19" (Lecturer - Module V - Biochemistry - Topic 1: Blood gasometry and acid-base balance - Analysis and interpretation of results). Project No. POWR.07.01.00-00-0002/22
- Competence-enhancing training in dissemination of the needs of people with disabilities. Functioning of students with disabilities in the academic environment - 2023.
- active methods in the work of an academic lecturer - 2018.
- voice emission course - 2018
- e-learning as a teaching method, preparation of materials - 2018.
- training of Local Ethical Committees for Animal Experiments, 2017, Paprotnia
- training for persons responsible for planning procedures and experiments and for carrying them out, performing procedures and killing animals used in procedures, 29.06-03.07.2015 Warsaw, organiser Polish Society for Laboratory Animal Sciences (PolLASA)
- Participation in scientific and science popularization conferences,

Active participation in many national and international scientific conferences, including in the last 5 years:

- Kot K, Kupnicka P, Grabowska M, Tarnowski M, Kosik-Bogacka D, Łanocha-Arendarczyk N. Do Acanthamoeba sp. have an impact on host kidneys? Immunological interactions between Acanthamoeba sp. and host. Ann. Parasitol. 2024;70:145.The XIV European Multicolloquium of Parasitology, Wrocław, 26-30 August 2024.
- Łanocha-Arendarczyk N, Kot K, Baranowska-Bosiacka I, Tarnowski M, Kosik-Bogacka D. Pathophysiology and mechanisms of cerebral acanthamoebiasis. Ann. Parasitol. 2024;70:81.The XIV European Multicolloquium of Parasitology, Wrocław, 26-30 August 2024.
- Kot K, Kupnicka P, Kosik-Bogacka D, Łanocha-Arendarczyk N. Biochemical and molecular mechanisms in the kidneys of mice infected with Acanthamoeba sp. XIXth International Meeting on the Biology and Pathology of Free-Living Amoebae, Poitiers, France, 26-30 June 2023.
- Grzeszczak K, Kosik-Bogacka D. Stężenie cynku (Zn) w łożysku i błonie płodowej pochodzących od kobiet w ciąży mnogiej. W: Środowisko a zdrowie i dobrostan ludzi i zwierząt. Konferencja naukowa, Szczecin, 11 czerwca 2021 r.
- Kosik-Bogacka D, Kot K, Łanocha-Arendarczyk N, Lepczyńska M, Dzika E, Szkup M, Grochans E. Występowanie *Blastocystis* spp. u kobiet w okresie okołomenopauzalnym. W: Środowiskowe i genetyczne uwarunkowania zdrowia ludzi i zwierząt. Ogólnopolska Konferencja Naukowa, Szczecin, 29 maja 2020 r.
- Kot K, Kosik-Bogacka D, Kupnicka P, Ciosek Ż, Karaczun M, Ziętek P, Łanocha-Arendarczyk N Interakcje pomiędzy stężeniem sodu, potasu i magnezu w strukturach współtworzących staw kolanowy. W: Środowiskowe i genetyczne uwarunkowania zdrowia ludzi i zwierząt. Ogólnopolska Konferencja Naukowa, Szczecin, 29 maja 2020 r.

Popularisation of science:

- annual classes in parasitology for 1st and 2nd grade students of the 5th Adam Asnyk High School under the auspices of the Pomeranian Medical University in Szczecin.
- parasitology classes for students from schools in the Western Pomeranian Voivodship.
- lecture 'Close encounters with parasites' and Natalka 'Holiday souvenirs' (23.09.2014) XIV West Pomeranian Science Festival Szczecin-Koszalin, 20-27 September 2014. - 12-15 persons
- Lectures for the experimental class of the 13th High School in Szczecin, lecture: Holiday souvenirs, 21.05.2018.
- conducting simulations in the field of parasitological diagnostics for students of medical analytics representing all medical universities within the framework of Diagnostic Simulations conducted on 21.03.2018-23.03.2018 in Szczecin
- lecture Parasitic diseases in humans, Youth Medical Academy of the Pomeranian Medical University in Szczecin (MAM PUM) 04.11.2016
- young researchers scientific development supporting
- Supervisor of the Student Research Group.
- Supervisor of laboratory diagnosticians undergoing specialisation training in parasitological diagnostics.
- Supervisor of professional practice in parasitological diagnostics for students of medical analytics.
- Supervisor of specialisation in medical laboratory parasitology.
- Organisation of internships and supervision of students of medical analytics during internships as part of the project Internships of students of the Pomeranian Medical University in Szczecin - a bridge to the labour market POWR.03.01.00-00-S029/17-00 (2017-2019), project co-financed by the European Union under the European Social Fund.
- Course delivery: (1) Etiology, pathogenesis, clinical picture and diagnosis of gastrointestinal parasite infections - Medical microbiology for laboratory diagnosticians, 24.06.2015; (2) Parasites of the central nervous system, 22.05. 2015; (3) Serological diagnosis of parasitic infections- 27.04. 2015.
- Postdoctoral internship supervisor (postdoc) at the Natural History Museum of Luxemburg Dr Natalia Osten-Sacken, project "Ussing population genetics to understand the evolutionary potential of an introduced parasitics nematode" 2014-2017.

Research, training and teaching internships,

- One-week research internship in immunological methodology applied to parasitological research at the Department of Parasitology, University of Warsaw, 1-8 May 2018.
- Inter-university national and international cooperation

Cooperation with foreign entities

1. Musée National d' Histoire Naturelle, Luxembourg. Collaboration since 2014 with Drs. Alain C. Frantz and Dr. Mike Heddergott concerning elemental concentrations in the organs of raccoons and wildcats from the Luxembourg area.
2. University of Göttingen, Faculty of Chemistry, Germany. Collaboration since 2014 with Mr Peter Steinbach concerning elemental concentrations in organs of raccoons originating in Germany.

Collaboration with national units

1. Chair and Department of Medical Biology and Parasitology, K. Marcinkowski Medical University, Poznan, Poland. The cooperation has been conducted since 2011 with Agnieszka Wojtkowiak-Giera, PhD, Monika Derda, PhD, concerning the parasite-host system in terms of morphological, histochemical, pathophysiological and biochemical studies. This cooperation has resulted in scientific papers.
2. Department of Biotechnology of Animal Reproduction and Environmental Hygiene, Faculty of Biotechnology and Animal Breeding, West Pomeranian University of Technology in Szczecin. Cooperation since 2014 with Prof. Dr. Bogumiła

Pilarczyk and Dr. Agnieszka Tomza-Marciniak concerning selenium concentrations in human and animal tissues and organs. This cooperation has resulted in scientific papers.

3. Department of Ecology, Protection and Environmental Management, Faculty of Environmental Management and Agriculture, West Pomeranian University of Technology in Szczecin. Cooperation with Joanna Podlasińska, Ph.D., since 2012, concerns mercury concentrations in tissues.

10. Scientific achievements

	Total number of works	Number of works with IF	Number of works with MNiSW scores	Total IF value	Total MNiSW score
Total	294	133	174	315.647	7704

Publications from the last 3 years, ≥ 100 MNiSW points

1.
AU: Kaczmarek Justyna, Marchelek-Myśliwiec Małgorzata, Kosik-Bogacka Danuta, Korycińska Joanna, Lepczyńska Małgorzata, Dutkiewicz Grażyna, Kabat-Koperska Joanna
TO: Blastocystis spp. infection in kidney transplant recipient.
CZ: Pathogens
SZ: 2025 : vol. 14, nr 4, id. art. 341, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000

2.
AU: Kot Karolina, Tomasiak Patrycja, Tarnowski Maciej, Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia
TO: Immunological and inflammatory responses in the kidneys in experimental acanthamoebiasis.
CZ: Microbiol. Spectr.
SZ: 2025 : vol. 13, nr 8, id. art. e0024325, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Original scientific article
CP: Peer-reviewed publication
JP: ENG
IF: 3.800
Pkt. MNiSW: 100.000

3.
AU: Kosik-Bogacka Danuta I., Piotrowska Katarzyna
TO: Influence of matcha and tea catechins on the progression of metabolic dysfunction-Associated Steatotic Liver Disease (MASLD) - A review of patient trials and animal studies.
CZ: Nutrients
SZ: 2025 : vol. 17, nr 15, id. art. 2532, 15 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.000
Pkt. MNiSW: 140.000

4.
AU: Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia, Pilarczyk Renata, Schneider-Matyka Daria, Kot Karolina, Grzeszczak Konrad, Pyzia Joanna, Grochans Elżbieta
TO: Ocular symptoms in pre- and perimenopausal woman infected with Demodex spp.
CZ: Pathogens
SZ: 2025 : vol. 14, nr 3, id. art. 297, 8 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000

5.
AU: Marchelek-Myśliwiec Małgorzata, Korzeniewski Krzysztof, Marchelek Emilia, Stępniewska Joanna, Kosik-Bogacka Danuta
TO: Paid organ donation: case report and review of the literature on health implications for kidney donors and recipients.
CZ: Pathogens
SZ: 2025 : vol. 14, nr 8, id. art. 819, 10 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000

6.
AU: Pawelec-Pęciak Oliwia, Łanocha-Arendarczyk Natalia, Grzeszczak Konrad, Kosik-Bogacka Danuta
TO: The role of Blastocystis spp. in the etiology of gastrointestinal and autoimmune diseases.
CZ: Pathogens
SZ: 2025 : vol. 14, nr 5, id. art. 313, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000

7.
AU: Wojtkowiak-Giera A[gnieszka], Kosik-Bogacka D[anuta], Łanocha-Arendarczyk N[atalia], Kolasa A[gnieszka], Kot K[arolina], Solarczyk P[iotr], Derda M[onika]
TO: Toll-like receptors and inflammatory cytokines in the skin of Acanthamoeba spp. infected immunocompetent and immunosuppressed mice.
CZ: Exp. Parasitol.
SZ: 2025 : vol. 273, id. art. 108944, 7 s. il. tab. bibliogr.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 1.600
Pkt. MNiSW: 100.000

8.
AU: Łupina Małgorzata, Wąsik Agnieszka, Baranowska-Bosiacka Irena, Tarnowski Maciej, Słowik Tymoteusz, Listos Piotr, Kotlińska Jolanta, Kosik-Bogacka Danuta, Gutowska Izabela, Listos Joanna
TO: Acute and chronic exposure to linagliptin, a selective inhibitor of dipeptidyl peptidase-4 (DPP-4), has an effect on dopamine, serotonin and noradrenaline level in the striatum and hippocampus of rats.
CZ: Int. J. Mol. Sci.
SZ: 2024 : vol. 25, nr 5, id. art. 3008, 20 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000

9.
AU: Kosik-Bogacka Danuta Izabela, Korzeniewski Krzysztof, Łanocha-Arendarczyk Natalia, Korycińska Joanna, Lepczyńska Małgorzata, Dzika Ewa, Marchelek-Myśliwiec Małgorzata
TO: Blastocystis spp. and other intestinal parasites in Polish Soldiers Deployed to Lebanon and Iraq.
CZ: Pathogens
SZ: 2024 : vol. 13, nr 3, id. art. 271, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication

JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000
10.
AU: Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia, Korzeniewski Krzysztof, Mularczyk Maciej, Kabat-Koperska Joanna, Ziętek Paweł, Marchelek-Myśliwiec Małgorzata
TO: Cryptosporidium spp. infection in adult kidney transplant patients: a systematic review and meta-analysis.
CZ: J. Clin. Med.
SZ: 2024 : vol. 13, nr 21, id. art. 6395, 19 s. il. tab. bibligr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 2.900
Pkt. MNiSW: 140.000
11.
AU: Kot Karolina, Grabowska Marta, Tarnowski Maciej, Kupnicka Patrycja, Tomasiak Patrycja, Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia
TO: Hypoxia and collagen deposition in the kidneys infected with Acanthamoeba sp.
CZ: Sci. Rep.
SZ: 2024 : vol. 14, nr 1, id. art. 28096, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000
12.
AU: Grzeszczak Konrad, Łanocha-Arendarczyk Natalia, Malinowski Witold, Ziętek Paweł, Kosik-Bogacka Danuta
TO: 38136639 Oxidative stress in pregnancy.
CZ: Biomolecules
SZ: 2023 : vol. 13, nr 12, id. art. 1768, 23 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
13.
AU: Łanocha-Arendarczyk Natalia, Kot Karolina, Baranowska-Bosiacka Irena, Kupnicka Patrycja, Przydalska Dagmara, Łanocha Aleksandra, Chlubek Dariusz, Wojciechowska-Koszko Iwona, Kosik-Bogacka Danuta Izabela
TO: Macroelement and microelement levels in the urine in experimental acanthamoebiasis.
CZ: Pathogens
SZ: 2023 : vol. 12, nr 8, id. art. 1039, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000
14.
AU: Grzeszczak Konrad, Kapczuk Patrycja, Kupnicka Patrycja, Mularczyk Maciej, Kwiatkowski Sebastian, Chlubek Dariusz, Kosik-Bogacka Danuta
TO: Preliminary study of iron concentration in the human placenta in twin pregnancies.
CZ: Biomolecules
SZ: 2023 : vol. 13, nr 5, id. art. 749, 12 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
15.
AU: Rogulska Karolina, Wojciechowska-Koszko Iwona, Krasnodębska-Szponder Barbara, Kwiatkowski Paweł, Roszkowska Paulina, Dołęgowska Barbara, Łuczkowska Karolina, Machaliński Bogusław, Kosik-Bogacka Danuta
TO: TFF3 as a aiagnostic biomarker in kidney transplant patients.
CZ: Int. J. Mol. Sci.
SZ: 2023 : vol. 24, nr 15, id. art. 11925, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.900
Pkt. MNiSW: 140.000
16.
AU: Wojtkowiak-Giera Agnieszka, Derda Monika, Łanocha-Arendarczyk Natalia, Kolasa Agnieszka, Kot Karolina, Walczykiewicz Joanna, Solarczyk Piotr, Kosik-Bogacka Danuta
TO: The immunological changes in the skin of BALC/c mice with disseminated acanthamoebiasis.
CZ: Pathogens
SZ: 2023 : vol. 12, nr 5, id. art. 631, 11 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.300
Pkt. MNiSW: 100.000
17.
AU: Kot Karolina, Kupnicka Patrycja, Tarnowski Maciej, Tomasiak Patrycja, Kosik-Bogacka Danuta, Łanocha-Arendarczyk Natalia
TO: The role of apoptosis and oxidative stress in the pathophysiology of Acanthamoeba spp. infection in the kidneys of hosts with different immunological status
CZ: Parasit. Vectors
SZ: 2023 : vol. 16, nr 1, id. art. 445, 14 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Original scientific article
JP: ENG
IF: 3.000
Pkt. MNiSW: 100.000
18.
AU: Grzeszczak Konrad, Kapczuk Patrycja, Kupnicka Patrycja, Simińska Donata Kinga, Lebdowicz-Knul Joanna, Kwiatkowski Sebastian Karol, Łanocha-Arendarczyk Natalia, Chlubek Dariusz, Kosik-Bogacka Danuta Izabela
TO: The trace element concentrations and oxidative stress parameters in afterbirths from women with multiple pregnancies.
CZ: Biomolecules
SZ: 2023 : vol. 13, nr 5, id. art. 797, 22 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 4.800
Pkt. MNiSW: 140.000
19.
AU: Kot Karolina, Kołodziej Daria, Kupnicka Patrycja, Kosik-Bogacka Danuta Izabela, Łanocha-Arendarczyk Natalia
TO: Concentrations of PGE_2 and TXB_2 in the eyes of mice with disseminated acanthamoebiasis.
CZ: Pathogens
SZ: 2022 : vol. 11, nr 4, id. art. 438, 9 il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.700
Pkt. MNiSW: 100.000
20.
AU: Kapczuk Patrycja, Kosik-Bogacka Danuta, Kupnicka Patrycja, Kopytko Patrycja, Tarnowski Maciej, Kolasa Agnieszka, Chlubek Dariusz, Baranowska-Bosiacka Irena
TO: Hymenolepis diminuta infection affects apoptosis in the small and large intestine.
CZ: Int. J. Environ. Res. Public Health
SZ: 2022 : vol. 19, nr 15, id. art. 9753, 25 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
Pkt. MNiSW: 140.000
21.
AU: Łanocha-Arendarczyk Natalia, Kot Karolina, Baranowska-Bosiacka Irena, Kapczuk Patrycja, Łanocha Aleksandra, Kosik-Bogacka Danuta
TO: Neurotrophic factors in experimental cerebral Acanthamoebiasis.
CZ: Int. J. Mol. Sci.
SZ: 2022 : vol. 23, nr 9, id. art. 4931, 13 s. il. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 5.600
Pkt. MNiSW: 140.000
22.

AU: Łanocha Aleksandra, Łanocha-Arendarczyk Natalia, Wilczyńska Dominika, Zdziarska Barbara, Kosik-Bogacka Danuta
TO: Protozoan intestinal parasitic infection in patients with hematological malignancies.
CZ: J. Clin. Med.
SZ: 2022 : vol. 11, nr 10, id. art. 2847, 13 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
JP: ENG
IF: 3.900
Pkt. MNiSW: 140.000

23.
AU: Rogulska Karolina, Wojciechowska-Koszko Iwona, Dołęgowska Barbara, Kwiatkowska Ewa, Roszkowska Paulina, Kapczuk Patrycja, Kosik-Bogacka Danuta
TO: The most promising biomarkers of allogeneic kidney transplant rejection.
CZ: J. Immunol. Res.
SZ: 2022 : vol. 2022, id. art. 6572338, 18 s. il. tab. bibliogr. summ.
CF: foreign article
CP: Peer-reviewed publication
CP: Review article
JP: ENG
IF: 4.100
Pkt. MNiSW: 100.000

Resolution No. 40/2019

of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 205 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws, item 1668, as amended), in connection with Article 292 of the Act of 3 July 2018 – Provisions introducing the Act – Law on Higher Education and Science (Journal of Laws, item 1669), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§ 1

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitute an appendix to this resolution, are hereby adopted.

§ 2

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin require consultation with the doctoral student council. If, within 3 months of the adoption of the regulations, the Senate and the doctoral student council fail to reach an agreement on their content, the regulations shall enter into force by virtue of a resolution of the Senate, adopted by a majority of at least 2/3 of the statutory composition of the Senate.

§3

The resolution shall enter into force on the date of its adoption and shall apply from 1 October 2019.

Prof. Bogusław Machaliński, PhD Rector
of PUM
Chair of the Senate

Appendix
to Resolution No.
40/2019

REGULATIONS OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

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Appendix
to Resolution No.
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I. GENERAL PROVISIONS

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of:

1) medical sciences,
2) health sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

The doctoral school is run on the basis of the provisions of:

1) the Act of 20 July 2018 on Higher Education and Science (Journal of Laws, item 1668, as amended), hereinafter referred to as "the Act",
2) these Regulations of the doctoral school and other regulations in force at the Pomeranian Medical University in Szczecin.

§3

The doctoral school regulations, hereinafter referred to as "the regulations", define the organisation of education in areas not regulated by law, in particular:

1) the rights and obligations of doctoral students,
2) the manner of appointing and changing a supervisor, supervisors or assistant supervisor,
3) the manner of documenting the course of education,
4) the manner of conducting mid-term assessments,
5) the conditions for extending the deadline for submitting a doctoral dissertation.

§4

The terms used in these regulations shall have the following meanings:

1) **University** – Pomeranian Medical University in Szczecin,
2) **statute** – Statute of the Pomeranian Medical University in Szczecin,
3) **Rector** – Rector of the Pomeranian Medical University in Szczecin,
4) **doctoral student**– a person undergoing education at doctoral doctoral of the Pomeranian Medical University in Szczecin,

§5

1. Education at the doctoral school creates conditions for:
   1) acquiring high competences and qualifications in teaching and conducting scientific research,
   2) conducting independent scientific research, also outside the educational institution (including obtaining research grants),
   3) participating in the scientific community in Poland and abroad, scientific cooperation in research teams, including international ones,
   4) preparing a doctoral dissertation.

2. The doctoral school supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. ORGANISATION OF THE DOCTORAL SCHOOL

§6

The organisational structure of the doctoral school consists of:

1) the director of the doctoral school,
2) the doctoral school council,
3) the doctoral school office.

§7

1. The director of the doctoral school manages the school and represents it externally.
2. The director of the doctoral school reports directly to the rector.
3. The director of the doctoral school is the superior of all employees of the doctoral school and the superior and supervisor of doctoral students.
4. The director of the doctoral school makes decisions concerning the functioning of the doctoral school, unless such decisions are reserved for other bodies of the University or the chancellor.
5. In particular, the director of the doctoral school:
   1) organises the recruitment process,
   2) is responsible for the organisation of education,
   3) ensures the quality of education,
   4) draws up an annual financial estimate,
   5) manages the doctoral school's budget,
   6) prepares draft internal regulations concerning the doctoral school,
   7) proposes the appointment of members of the doctoral school council.
6. The director of the doctoral school submits an annual report on the activities of the doctoral school to the rector by 1 March. The report also includes a report on the implementation of the annual financial estimate.
7. The director of the doctoral school may appoint committees or teams of an advisory and consultative nature.

§8

1. The doctoral school council is an advisory and consultative body providing substantive support to the director of the doctoral school.
2. The doctoral school council shall consist of:
   1) representatives of medical and health sciences disciplines, holding at least a postdoctoral degree, employed at the University,
   2) a representative of the doctoral student council.
3. Members of the doctoral school council are appointed by the rector at the request of the director of the doctoral school.
4. Meetings of the doctoral school council are convened by the director of the doctoral school.
5. The director of the doctoral school may invite other persons whose presence he or she deems necessary to attend the meetings of the doctoral school council.

§9

1. The doctoral school office provides administrative and organisational support for the doctoral school.
2. The scope of tasks of the doctoral school office is specified in the University's organisational regulations.

§10

1. The doctoral school operates on the basis of a separate annual budget.
2. The financial year is the calendar year.
3. By 30 September, the doctoral school prepares and submits to the bursar an annual financial estimate, , , taking into account the costs of the activities of the doctoral school , in particular the costs of:
   1) the recruitment process,
   2) doctoral scholarships,
   3) lecturers' salaries,
   4) classes taught by persons from outside the University,
   5) inviting lecturers to give lectures,
   6) reviewers' remuneration,
   7) remuneration of the committee member referred to in §49(2)(3),
   8) materials and small office equipment,
   9) administrative services.

III. RECRUITMENT

§11

1. A person who holds a master's degree, a master's degree in engineering or an equivalent degree may be admitted to the doctoral school and, in exceptional cases justified by the highest quality of scientific achievements, a graduate of first-cycle studies or a student who has completed the third year of uniform master's studies.
2. Admission to the doctoral school is based on a competition organised in accordance with the rules laid down by the Senate.
3. The rules for admission to the doctoral school are made public no later than five months before the start of the admission process.
4. Admission to the doctoral school takes place by entry on the list of doctoral students, and in the case of foreigners, on the basis of a decision by the rector.
5. Refusal of admission to the doctoral school is made by way of an administrative decision. The decision may be appealed for reconsideration.
6. The results of the competition are public.
7. At the same time, a person may only be a doctoral student at one doctoral school.

IV. ORGANISATION OF EDUCATION

§12

1. Doctoral education at a doctoral school lasts 8 semesters and ends with the submission of a doctoral dissertation.

2. Education is conducted on the basis of the education programme and an individual research plan.
3. The education programme is determined by the senate. The determination of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult is considered to have been met.
4. The curriculum is made available to the public no later than 5 months before the start of recruitment.

Curriculum

§13

The education programme includes:

1) a description of the expected learning outcomes,
2) a plan for the implementation of the education programme.

§14

1. The description of the intended learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework.
2. The learning outcomes relate to the discipline of medical sciences and the discipline of health sciences.

§15

The education programme implementation plan specifies:

1) modules/subjects covered in compulsory and optional classes, including the number of hours,
2) other classes, including doctoral seminars and scientific and teaching activities,
3) number of hours of professional practice,
4) the placement of compulsory and optional classes and professional internships in individual semesters of education,
5) forms of conducting and completing classes and professional internships.

§16

Doctoral students is obliged to to carry out scientific and teaching activities in accordance with the educational programme. in accordance with the curriculum.

§17

Doctoral students are required to complete professional internships in accordance with the curriculum.

§18

A doctoral student employed at the University after a mid-term evaluation as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

Appendix
to Resolution No.
40/2019

Individual research plan

§19

1. The individual research plan is developed by the doctoral student, in consultation with the supervisor or supervisors, and submitted to the University, through the director of the doctoral school, within 8 months from the date of commencement of education.
2. The director of the doctoral school verifies the individual research plan. If errors, inaccuracies, formal deficiencies, etc. are found, the director of the doctoral school calls on the doctoral student to correct the individual research plan.
3. Detailed rules for creating an individual research plan are specified by the rector.

V. RIGHTS AND OBLIGATIONS OF DOCTORAL STUDENTS

§20

1. A person admitted to the doctoral school begins their education and acquires the rights of a doctoral student upon taking the oath, the content of which is specified in the University's statutes.
2. The rights acquired on this basis expire on the date of completion of education or on the date of the decision to remove the doctoral student from the list of doctoral students becoming final.

§21

1. A doctoral student shall receive an electronic doctoral student ID card, which is a document certifying doctoral student status.
2. Doctoral students are entitled to use the electronic doctoral student ID card until the date of completion of their education or until the decision to remove them from the list of doctoral students becomes final.
3. In the event of damage to or loss of the electronic doctoral student ID card, the doctoral school office must be notified immediately.

§22

A doctoral student has the right to:

1) substantive supervision over the establishment and implementation of an individual research plan,
2) substantive supervision over the preparation of their doctoral dissertation,
3) substantive and methodological assistance in scientific and teaching work,
4) receiving all information related to education and other information concerning research work and doctoral theses, including:
   a) procedures for obtaining funds for scientific research and preparing applications for such funds,
   b) scientific conferences and other scientific undertakings related to research work,
   c) opportunities to participate in national and international seminars, conferences and scientific symposia in the field of the doctoral thesis,
   d) domestic and foreign scholarships,
   e) publishing the results of their research work and presenting them at national and international scientific conferences, in consultation with their supervisor,
5) change of supervisor in particularly justified cases,

6) use of computer programmes, laboratories, equipment and research apparatus to the extent necessary for the implementation of the education programme, scientific research and preparation of the doctoral dissertation, in accordance with the rules of use of the research infrastructure,
7) use of library collections,
8) internships and research scholarships, based on the rules set out in internal regulations,
9) holidays not exceeding eight weeks per year, which should be taken during the period free from teaching activities,
10) extensions of the deadline for submitting a doctoral dissertation,
11) membership in doctoral student organisations on the terms specified in the Act and internal regulations.

§23

1. A doctoral student who does not hold a doctoral degree shall receive a doctoral scholarship.
2. The total period of receiving a doctoral scholarship may not exceed 4 years.
3. The period referred to in paragraph 2 shall not include the period of suspension and the period of education at a doctoral school in the case referred to in Article 206(2) of the Act.
4. The amount of the monthly doctoral scholarship is determined by the rector, in accordance with the rules laid down in the Act.
5. During the period of suspension of education, the provisions on the determination of maternity allowance shall apply accordingly to the determination of the amount of the doctoral scholarship, except that the basis for calculating the allowance shall be understood as the amount of the monthly doctoral scholarship
referred to in Article 209(4) of the Act, payable on the date of submission of the application for suspension.
6. A doctoral student who has a disability certificate, a certificate of the degree of disability or a certificate referred to in Article 5 and Article 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities shall receive a doctoral scholarship increased by 30% of the amount specified in Article 209(4)(1) of the Act.
7. A doctoral student who has submitted their doctoral dissertation earlier than the date of completion of education provided for in the education programme shall receive a doctoral scholarship until the date of completion of education, but for no longer than 6 months. The provision of paragraph 2 shall apply.

§24

1. From the doctoral scholarship shall be is contributions contributions to social as provided for in the regulations on the social insurance system.
2. Doctoral students receiving a doctoral scholarship from are covered mandatory pension, disability and accident insurance.
3. Health insurance is voluntary.
4. Doctoral students will be registered by the University for health insurance, unless they are already covered by such insurance on other grounds.

§25

A doctoral student may be awarded a scholarship financed by a local government unit, on the terms specified in accordance with Article 96(2) and (3) of the Act.

§26

A doctoral student may be awarded a research scholarship financed by a natural person or a legal person other than a state or local government legal person, on the terms specified in Article 97(2) of the Act.

§27

1. A doctoral student may apply for a student loan.
2. The provisions on student loans shall apply accordingly, except that:
   1) the loan may be granted to a doctoral student who is under 35 years of age,
   2) the loan is granted for the period of education at the doctoral school only once, for no longer than 4 years.

§28

Doctoral students may apply for:

1) accommodation in a student hall of residence,
2) accommodation for a spouse or child in a student hall of residence,

– on the terms specified in the regulations on benefits for students.

§29

A doctoral student may submit a request to the director of the doctoral school to change the topic of their doctoral dissertation or the scope of their research, provided that this does not alter the essence of the research project. The request must be justified and accompanied by the supervisor's opinion.

§30

1. A doctoral student is obliged to act in accordance with the oath and the regulations of the doctoral school.
2. Doctoral students are obliged to complete the education programme and individual research plan.
3. In particular, doctoral students are required to:
   1) participating in teaching and organisational activities,
   2) take examinations, pass credits and complete professional internships,
   3) fulfilling the requirements set out in the education programme,
   4) submitting a report on the progress of work on the doctoral dissertation in a given academic year to the supervisor for review,
   5) submitting the annual report referred to in point 4 to the director of the doctoral school,
   6) submitting to the director of the doctoral school the opinion of the ethics committee competent for the subject area of the doctoral thesis, no later than 8 months after commencing education at the doctoral school,
   7) submitting a report on the implementation of the individual research plan to the director of the doctoral school within the specified time limit,

8) submitting a doctoral dissertation to the director of the doctoral school within the deadline specified in the individual research plan, together with the opinion of the supervisor or supervisors and a report from the anti-plagiarism system,
9) submitting all forms of their scientific output to the main library of the University in accordance with the rules in force at the University,
10) comply with good practices in scientific research,
11) comply with the regulations in force at the university, including:
    a) regulations concerning intellectual property and the use of research infrastructure,
    b) regulations concerning data protection,
    c) regulations and rules concerning occupational health and safety and fire safety regulations,
12) keeping confidential technical, technological, organisational and other information whose disclosure could expose the University to harm,
13) immediate delivery of sick leave certificates to the doctoral school office,
14) participation in training required by regulations, including health and safety training,
15) undergoing periodic medical examinations,
16) submitting all documents related withthe completion education resulting from general and internal regulations, including the settlement of the circulation card,
17) immediate notification the doctoral school of any name and contact details,
18) respect for University property,
19) taking care of the University's reputation,
20) adherence to the principles of social coexistence.

§31

1. A doctoral student may not be employed as an academic teacher or research worker.
2. This prohibition does not apply to the employment of a doctoral student:
    1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3) of the Act,
    2) after a positive mid-term evaluation,
    3) who is not entitled to a doctoral scholarship.
3. After a mid-term evaluation, a doctoral student may be employed at the University as an academic teacher. If a doctoral student is employed for more than half of the full-time working hours, the scholarship amount shall be 40% of the monthly scholarship referred to in Article 209(4)(2) of the Act.

§32

A doctoral student who has not completed their education at a doctoral school due to:

1) taking up employment in as an or or researcher,
2) discontinuation of doctoral studies in a given discipline

– the period of education at this school, not exceeding 4 years, shall be counted towards the period of employment on which employee rights depend, provided that the doctoral degree has been obtained.

§33

For violations of the regulations in force at the University and for acts that undermine the dignity of a doctoral student, the doctoral student shall be subject to disciplinary responsibility in accordance with the provisions of the Act and other relevant acts of public and internal law.

§34

1. Doctoral students form a doctoral student council.
2. Doctoral students shall have the right to associate to in organisations of in the entity running the doctoral school.

VI. ORGANISATION OF THE ACADEMIC YEAR

§35

1. The academic year at a doctoral school shall commence no later than 1 October and end no later than 30 September of the following calendar year.
2. The director of the doctoral school may establish hours and days off from classes during the academic year.

§36

1. The accounting period at the doctoral school is the academic year.
2. In order to pass the year, doctoral students must achieve the intended learning outcomes and submit the following to the director of the doctoral school by 30 June of the academic year in question:
   1) an annual report on the progress of work on the doctoral dissertation and on the completion of professional internships in the given academic year, reviewed by the supervisor,
   2) periodic achievement cards with the required entries,
   3) other documents required by the education programme and applicable regulations.
3. In particularly justified cases, the director of the doctoral school may, at the request of the doctoral student, extend the deadline referred to in paragraph 2 to 15 September of the given academic year, subject to the provisions of §42.

VII. COURSE OF EDUCATION AT THE DOCTORAL SCHOOL

§37

1. The doctoral student's attendance at all classes specified in the education programme is mandatory.
2. A doctoral student who has missed a class is required to justify their absence to the lecturer and agree on the manner, date and form of making up for the class.
3. A doctoral student going abroad for an internship the director of the doctoral school , in consultation with the lecturer, may agree to credit the student for classes that will be taught at another research centre or allow them to be taken at a different time.

§38

1. After completing a cycle of classes in each module (subject) provided for in the education programme, the learning outcomes achieved by doctoral students are verified during examinations, credits or graded credits.
2. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed annually by their supervisor, who includes the result in the annual report on the progress of their scientific work.

§39

1. Examinations and graded assessments may take the form of written or oral tests of knowledge and skills.
2. A pass with a grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
3. Completion of a module (subject) may also be based on attendance at classes.
4. The form of verification of learning outcomes is specified in the education programme implementation plan.
5. Examinations and credits are entered in the doctoral student's periodic achievement record and in the summary examination and credit records.

§40

1. Before the start of the course, the lecturer informs doctoral students about the method of conducting the examination or assessment.
2. The dates of examinations or credits are set by the head of the unit/lecturer.

§41

1. The doctoral school uses the following grading system:
   1) very good (5),
   2) above good (4.5),
   3) good (4),
   4) fairly good (3.5),
   5) satisfactory (3)
   6) unsatisfactory (2),
2. A negative grade is a failing grade. The other grades listed in paragraph 1, starting with satisfactory, are positive grades.
3. A failing grade means that the student has not passed the course or exam.
4. In the case of classes referred to in §39 section 3, the entry "passed" or "pass" shall be used.

§42

1. In special cases, upon a justified request from a doctoral student, the director of the doctoral school, after consulting the supervisor, may agree to extend the deadline referred to in §36 section 3 and allow the doctoral student to continue their education in the next year, conditionally enrolling the doctoral student for the next year of study, i.e. conditional permission to continue education.
2. The director of the doctoral school, when granting conditional permission to continue education, shall set a deadline for making up for the backlog.

3. The provision of paragraph 1 shall not apply to a doctoral student who has not passed the fourth year.

§43

A doctoral student shall not have the right to repeat the year or to be reactivated at the doctoral school.

§44

1. At the request of a doctoral student, education at the doctoral school shall be suspended for a period corresponding to the duration of maternity leave, leave on the terms of maternity leave, paternity leave and parental leave, as specified in the Act of 26 June 1974 – Labour Code.
2. The period of suspension of education shall not be included in the period of education at the doctoral school.

§45

1. Education at the doctoral school ends with the submission of a doctoral thesis.
2. The doctoral dissertation is subject to verification in an anti-plagiarism system. The verification is carried out by the supervisor.
3. Doctoral students are required to submit their doctoral thesis within the deadline specified in their individual research plan, together with the opinion of their supervisor(s) and a report from the anti-plagiarism system.
4. The director of the doctoral school, upon a justified request from the doctoral student and after consulting the supervisor, may extend the deadline for submitting the doctoral dissertation by no more than two years, provided that the doctoral school's education programme is completed on time.

§46

1. A doctoral student shall be removed from the list of doctoral students in the event of:
   1) a negative mid-term assessment result,
   2) failure to submit a doctoral dissertation within the deadline specified in the individual research plan,
   3) resignation from education.
2. A doctoral student may also be removed from the list of doctoral students in the event of:
   1) unsatisfactory progress in the preparation of the doctoral dissertation,
   2) failure to fulfil the obligations specified in the doctoral school regulations.
3. Removal from the list of doctoral students is effected by way of an administrative decision. The decision may be appealed for reconsideration.
4. The decision to remove a doctoral student from the list is made by the rector.
5. Re-admission to the doctoral school of a person who has been removed from the list of doctoral students is subject to the general rules of admission to the doctoral school at the University.

§47

Subject to the provisions of the regulations, the rector is the appeal body for decisions of the director of the doctoral school in matters covered by the Regulations. The rector's decisions are final.

VIII. MID-TERM EVALUATION

§48

1. The implementation of an individual research plan is subject to a mid-term assessment.
2. The mid-term evaluation takes place halfway through the period of study specified in the study programme.

§49

1. The mid-term assessment shall be carried out by a mid-term assessment committee, hereinafter referred to as
the "committee", appointed by the rector.
2. The committee consists of three persons:
   1) the director of the doctoral school as chair,
   2) an academic teacher with a postdoctoral degree or the title of professor in the discipline in which the doctoral dissertation is being prepared is employed at the University,
   3) a person holding a postdoctoral degree or the title of professor in the discipline in which the doctoral dissertation is being prepared, employed outside the University.
3. The committee deliberates at meetings composed of three members.
4. The work of the committee is directed by the chairperson.

§50

1. When assessing the implementation of an individual research plan, the committee takes into account:
   1) the review of the report referred to in §30(3)(7),
   2) the supervisor's reports on the annual assessment of progress in scientific work referred to in §59(1)(7).
2. The review referred to in paragraph 1(1) shall be carried out by a reviewer appointed by the director of the doctoral school.

§51

1. The mid-term assessment shall result in a positive or negative outcome.
2. The result of the assessment, together with the justification, shall be made public.

§52

1. The committee shall draw up a report on the course of the doctoral student's mid-term assessment.
2. The report shall be signed by all members of the committee.

§53

The detailed procedure for conducting the mid-term assessment shall be determined by the rector.

§54

The committee member referred to in §49(2)(3) and the reviewers shall be entitled to remuneration, the amount of which shall be determined by the rector.

IX. SUPERVISION

§55

1. Supervision of the preparation of a doctoral dissertation shall be provided by a supervisor or by a supervisor and an assistant supervisor.
2. The supervisor or assistant supervisor shall be appointed by the director of the doctoral school within 3 months of the date on which the doctoral student commences their studies.
3. The supervisor and assistant supervisor receive a one-off remuneration after the defence of the doctoral thesis in the amount specified by law.

§56

1. A supervisor may be a person employed at the University who holds a postdoctoral degree or the title of professor, and an assistant supervisor may be a person who holds a doctoral degree.
2. A supervisor of a doctoral dissertation in a given discipline may be a person who has submitted a statement to the University confirming that at least 25% of their work is assigned to that discipline.
3. In cases justified by the implementation of a doctoral dissertation in international cooperation, the director of the doctoral school, with the consent of the supervisor, may appoint a second supervisor who is an employee of a foreign university or scientific institution. The provision of paragraph 2 shall not apply.

§57

A person who, within the last 5 years:

1) has been the supervisor of 4 doctoral students who have been removed from the list of doctoral students due to a negative mid-term assessment, or
2) supervised the preparation of theses by at least two persons applying for a doctoral degree who did not obtain positive reviews referred to in Article 191(1) of the Act.

§58

A supervisor may supervise no more than 5 doctoral students at the same time, provided that the unit has a sufficient number of teaching hours required for the teaching process.

§59

1. The supervisor's duties include:
   1) establishing an individual research plan with the doctoral student,
   2) providing academic supervision over the doctoral student's preparation of their doctoral dissertation,
   3) supervising the implementation of the doctoral student's individual research plan,
   4) verification of the doctoral dissertation in the anti-plagiarism system,
   5) preparation of an opinion on the doctoral dissertation,
   6) ongoing assessment of the doctoral student's academic development and the progress of the doctoral dissertation,
   7) conducting an annual assessment of the doctoral student's progress in scientific work in the form of a written report,
   8) providing the doctoral student with the necessary substantive and methodological assistance in their scientific work,

9) holding consultations,
10) assisting the doctoral student in organising a research workshop,
11) providing the doctoral student guidance and assistance in gaining teaching experience,
12) reviewing doctoral students' applications for conferences or research internships,
13) reviewing doctoral students' applications for extension of the deadline for submitting their doctoral dissertations,
14) requesting the director of the doctoral school to remove a doctoral student from the list of doctoral students, if circumstances justifying such a decision arise.

2. The supervisor is responsible for the proper conduct of the doctoral student's occupational health and safety training. The scope of the training should be adapted to the nature of the doctoral student's research work and the nature of the teaching activities carried out by the doctoral student as part of their professional practice, and should be confirmed by an appropriate certificate.

§60

In the event of termination or expiry of the supervisor's employment relationship with the University during the doctoral dissertation, the supervisor may continue to act as supervisor with the consent of the head of the unit and the director of the doctoral school.

§61

A doctoral student may apply to the director of the doctoral school for a change of supervisor or assistant supervisor. The application must be justified.

§62

A supervisor may resign from this function only in justified cases, in particular due to:

1) termination or expiry of the supervisor's employment relationship with the University,
2) the supervisor's long-term illness.

***Prof. Bogusław Machaliński, PhD Rector
of PUM
Chairman of the Senate***

Resolution No. 35/2021

of the Senate of the Pomeranian Medical University in Szczecin of 28 April 2021 amending Resolution No. 40/2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 205 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§ 1.

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitute an appendix to Resolution No. 40/2019 of 29 May 2019, shall be amended as follows:

1) in §49, after paragraph 4, paragraph 5 shall be added, reading as follows:
"5. Committee meetings may be conducted using electronic means of communication, ensuring in particular:
1) real-time transmission of the meeting between its participants,
2) real-time multilateral communication, during which meeting participants may speak in the course of the meeting,
- in compliance with the necessary security rules."

2) §50 shall read as follows:
"§50. 1. When assessing progress in the implementation of an individual research plan, the committee shall take into account:
1) the consistency substantive and timeliness of implementation of tasks planned in the individual research plan with completed tasks,
2) review of the report referred to in §30(3)(7),
3) the supervisor's report on the annual assessment of progress in scientific work referred to in §59(1)(7).
2. The review referred to in section 1(2) shall be carried out by a member of the committee appointed by the director of the doctoral school.

3) §52 shall read as follows:
"§52. 1. The committee shall draw up minutes of the mid-term assessment.
2. The minutes shall be signed by the chair of the committee."

4) §54 shall read as follows:
"§54. 1. A member of the committee referred to in §49(2)(1) and (2) shall be entitled to remuneration determined by order of the rector.
2. A member of the committee referred to in §49(2)(3) shall be entitled to remuneration determined in accordance with the provisions of the Act."

§ 2.

Any amendment to the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin shall require consultation with the doctoral student council. If, within 3 months of the adoption of the amendment to the Regulations, the Senate and the Doctoral Student Council fail to reach an agreement on its content, the amendment to the Regulations shall enter into force by virtue of a resolution of the Senate, adopted by a majority of at least 2/3 of the statutory composition of the Senate.

§3.

The resolution shall enter into force on the date of its adoption and shall apply from 1 October 2021.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chair of the Senate

BR.000.3.2022

Resolution No. 17/2022

of the Senate of the Pomeranian Medical University in Szczecin of 30 March 2022 amending Resolution No. 40/2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 205 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2022, item 574), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§ 1.

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitute an appendix to Resolution No. 40/2019 of 29 May 2019, amended by Resolution No. 35/2021 of 28 April 2021, shall be amended as follows:

1) §12 shall read as follows:

"§12

1. *The education of doctoral students at the doctoral school lasts 8 semesters and ends with the submission of a doctoral dissertation, subject to paragraph 2.*
2. *It is permissible to shorten the education of doctoral students at the doctoral school to 6 semesters, provided that the education programme and individual research plan are completed.*
3. *Shortening the time of completion of the doctoral dissertation to less than 8 semesters requires the consent of the Director of the Doctoral School and agreement on the manner of implementation of the entire education programme.*
4. *Education is conducted on the basis of the education programme and the individual research plan.*
5. *The education programme is determined by the Senate. The determination of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult is considered to have been met.*
6. *The education programme shall be made available to the public no later than 5 months before the start of recruitment.*

2) in §37:

a) paragraph 3 shall read as follows:

"3. Education at the Doctoral School may also take place in the form of individually organised classes, when justified by scientific or random circumstances. The decision in this matter shall be made by the Director of the Doctoral School at the request of the doctoral student, after consultation with the supervisor."

b) after paragraph 3, paragraph 4 shall be added, reading as follows:

"4. In particularly justified cases, at the request of the doctoral student, reviewed by the supervisor, the Director of the Doctoral School may agree to credit the classes resulting from the education programme if the doctoral student has passed the classes and achieved the required results in the education programme at another scientific or teaching unit, regardless of the form of credit."

3) in §45, after paragraph 4, paragraphs 5 and 6 shall be added, reading as follows:
"5. An extension of the deadline for submitting a doctoral dissertation may be granted in the event of:

1) significant unforeseeable random events occur, preventing the doctoral student from meeting the deadlines for the tasks specified in the individual research plan,

2) temporary inability to complete the doctoral school programme due to long-term sick leave (more than 3 months),

3) the need to provide long-term personal care for a sick family member,

4) preparation of a doctoral dissertation in the form of a series of publications, if the publication is significantly delayed for reasons beyond the doctoral student's control.

6. The application referred to in paragraph 4 shall be considered by the Director of the Doctoral School within 14 days of its submission.

4) After Chapter IX, Chapter X shall be added, reading as follows:

"X. METHOD OF DOCUMENTING THE COURSE OF EDUCATION

§63

1. Information concerning the doctoral student and the course of education at the doctoral school shall be collected in the doctoral student's file;

2. The course of education at the doctoral school is documented in:

1) periodic doctoral student achievement records;

2) course completion reports.

3. Course completion reports are stored in the Doctoral School Office and in the organisational units of the university offering the courses to which the reports relate.

4. The personal file contains:

1) documents required from the candidate upon admission to the doctoral school;

2) the individual report of the Admissions Committee from the admissions procedure;

3) the oath signed by the doctoral student;

4) the doctoral student's individual research plan;

5) documentation related to the mid-term evaluation;

6) documentation concerning the suspension of education at the doctoral school;

7) a statement concerning the doctoral student's employment (employment as an academic teacher or research worker);

8) copies of decisions on removal from the list of doctoral students at the doctoral school;

9) the doctoral student's annual reports on the course of the academic year;

10) doctoral student's periodic achievement cards;

11) confirmation of receipt of the doctoral student's electronic ID card;

12) circulation card.

5. Doctoral files are kept by the Doctoral School Office and transferred to the archive within 2 years of the completion of the education process.

§ 2.

Any amendment to the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin requires consultation with the doctoral student council. If, within 3 months of the adoption of the amendment to the Regulations, the Senate and the Doctoral Student Council fail to reach an agreement on its content,

the amendment to the Regulations shall enter into force by virtue of a resolution of the Senate, adopted by a majority of at least 2/3 of the statutory composition of the Senate.

§3.

The resolution shall enter into force on the date of its adoption and shall apply from 1 October 2022.

On behalf of the Chair of the Senate, Prof.

Jerzy Samochowiec
Vice-Rector for Science, PUM

Resolution No. 7/2023

of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 205 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§ 1.

The Senate of the Pomeranian Medical University in Szczecin hereby adopts the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitute an appendix to this resolution.

§ 2

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin require consultation with the doctoral student council. If, within 3 months of the adoption of the Regulations, the Senate and the Doctoral Student Council fail to reach an agreement on their content, the Regulations shall enter into force by virtue of a resolution of the Senate, adopted by a majority of at least 2/3 of the statutory composition of the Senate.

§3.

The following shall cease to be valid:

1) Resolution No. 40/2019 of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin;
2) Resolution No. 35/2021 of the Senate of the Pomeranian Medical University in Szczecin of 28 April 2021 amending Resolution No. 40/2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin;
3) Resolution No. 17/2022 of the Senate of the Pomeranian Medical University in Szczecin of 30 March 2022 amending Resolution No. 40/2019 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin.

§4.

The resolution shall enter into force on the date of its adoption and shall apply from 1 October 2023.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chairman of the Senate

Appendix to Resolution No. 7/2023 of the PUM Senate of 1 March 2023.

REGULATIONS OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

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I. GENERAL PROVISIONS

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of:

1) medical sciences,
2) health sciences,
3) pharmaceutical sciences,

preparing them to obtain a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

The doctoral school is run on the basis of the provisions of:

1) the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), hereinafter referred to as "the Act",
2) these Regulations of the Doctoral School,
3) other applicable applicable in Pomeranian Medical Medical University in Szczecin.

§3

The regulations of the doctoral school, hereinafter referred to as "the regulations", define the organisation of education in areas not regulated by the Act, in particular:

1) the rights and obligations of doctoral students,
2) the method of appointing and changing the supervisor, supervisors or assistant supervisor,
3) the method of documenting the course of education,
4) the method of conducting mid-term assessment,
5) conditions for extending the deadline for submitting a doctoral dissertation.

§4

The terms used in these regulations shall have the following meanings:

1) **University** – Pomeranian Medical University in Szczecin,
2) **statute** – Statute of the Pomeranian Medical University in Szczecin,
3) **Rector** – Rector of the Pomeranian Medical University in Szczecin,
4) **doctoral student**– a person undergoing education at doctoral doctoral of the Pomeranian Medical University in Szczecin.

§5

1. Education at the doctoral school creates conditions for:
   1) doctoral students to acquire high competences and qualifications in teaching and conducting scientific research,
   2) conducting independent scientific research, including outside the educational institution (including obtaining research grants),
   3) participating in the scientific community in Poland and abroad, scientific cooperation in research teams, including international ones,
   4) preparing a doctoral dissertation.
2. The doctoral school supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. ORGANISATION OF THE DOCTORAL SCHOOL

§6

The organisational structure of the doctoral school consists of:

1) the director of the doctoral school,
2) the doctoral school council,
3) the doctoral school office.

§7

1. The director of the doctoral school manages the school and represents it externally.
2. The director of the doctoral school reports directly to the rector.
3. The director of the doctoral school is the superior of all employees of the doctoral school and the superior and supervisor of doctoral students.
4. The director of the doctoral school makes decisions concerning the functioning of the doctoral school, unless such decisions are reserved for other bodies of the University or the chancellor.
5. In particular, the director of the doctoral school:
   1) organises the recruitment process,
   2) is responsible for the organisation of education,
   3) ensures the quality of education,
   4) draws up an annual financial estimate,
   5) manages the doctoral school's budget,
   6) prepares draft internal regulations concerning the doctoral school,
   7) proposes the appointment of members of the doctoral school council.
6. The director of the doctoral school submits an annual report on the activities of the doctoral school to the rector by 1 March. The report also includes a report on the implementation of the annual financial estimate.
7. The director of the doctoral school may appoint committees or teams of an advisory and consultative nature.

§8

1. The doctoral school council is an advisory and consultative body providing substantive support to the director of the doctoral school.
2. The doctoral school council shall consist of:
   1) representatives of medical sciences, health sciences and pharmaceutical sciences, holding co at least the academic degree of doctor habilitated, employed at the University,
   2) a representative of the doctoral student council.
3. Members of the doctoral school council are appointed by the rector at the request of the director of the doctoral school.
4. Meetings of the doctoral school council are convened by the director of the doctoral school.
5. The director of the doctoral school may invite other persons whose presence he or she deems necessary to attend the meetings of the doctoral school council.

§9

1. The doctoral school office provides administrative and organisational support for the doctoral school.
2. The scope of tasks of the doctoral school office is specified in the University's organisational regulations.

§10

1. The doctoral school operates on the basis of a separate annual budget.
2. The financial year is the calendar year.
3. By 30 September, the doctoral school prepares and submits to the bursar an annual financial estimate, , , taking into account the costs of the activities of the doctoral school , in particular the costs of:

1) the recruitment process,
2) doctoral scholarships,
3) lecturers' salaries,
4) classes taught by persons from outside the University,
5) inviting lecturers to give lectures,
6) reviewers' remuneration,
7) remuneration of committee members referred to in §49(2),
8) materials and small office equipment,
9) administrative services.

III. RECRUITMENT

§11

1. A person who holds a master's degree, a master's degree in engineering or an equivalent degree may be admitted to the doctoral school, and in exceptional cases, justified by the highest quality of scientific achievements, a graduate of first-cycle studies or a student who has completed the third year of uniform master's studies.
2. Recruitment to the doctoral school takes place through a competition on the terms specified by the Senate.
3. The rules for admission to the doctoral school are made available to the public no later than 5 months before the start of the admission process.
4. Admission to the doctoral school takes place by entry on the list of doctoral students, and in the case of foreigners, on the basis of a decision by the rector.
5. Refusal of admission to the doctoral school is made by way of an administrative decision. The decision may be appealed for reconsideration.
6. The results of the competition are public.
7. At the same time, you can only be a doctoral student at one doctoral school.

IV. ORGANISATION OF EDUCATION

§12

1. Doctoral education at a doctoral school lasts 8 semesters and ends with the submission of a doctoral dissertation, subject to paragraph 2.
2. It is permissible to shorten doctoral education at a doctoral school to 6 semesters, provided that the education programme and individual research plan are completed.
3. Shortening the time of completion of the doctoral dissertation to less than 8 semesters requires the consent of the director of the doctoral school and agreement on the manner of implementation of the entire education programme.
4. Education is conducted on the basis of the education programme and the individual research plan.
5. The education programme is determined by the senate. The determination of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult is considered to have been met.
6. The education programme shall be made available to the public no later than 5 months before the start of recruitment.

Education programme

§13

The education programme includes:

1) a description of the expected learning outcomes,
2) a plan for the implementation of the education programme.

§14

1. The description of the expected learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws, item 2218).
2. The learning outcomes relate to the disciplines of medical sciences, health sciences and pharmaceutical sciences.

§15

The education programme implementation plan specifies:

1) modules/subjects covered in compulsory and optional classes, together with the number of hours,
2) other activities, including doctoral seminars and scientific and teaching activities,
3) number of hours of professional practice,
4) the placement of compulsory and optional classes and professional internships in individual semesters of education,
5) forms of conducting and completing classes and professional internships.

§16

Doctoral students is obliged to scientific and teaching activities in accordance with the curriculum. to carry out in accordance with the educational programme

§17

Doctoral students are required to complete professional internships in accordance with the curriculum.

§18

A doctoral student employed at the University after a mid-term evaluation as an academic teacher in a research and teaching or teaching group is exempt from the obligation to complete professional internships.

Individual research plan

§19

1. The individual research plan is developed by the doctoral student, in consultation with the supervisor or supervisors, and submitted to the University, through the director of the doctoral school, within 8 months from the date of commencement of education.
2. The director of the doctoral school verifies the individual research plan. If errors, inaccuracies, formal deficiencies, etc. are found, the director of the doctoral school calls on the doctoral student to correct the individual research plan.
3. Detailed rules for creating an individual research plan are specified by the rector.

V. RIGHTS AND OBLIGATIONS OF DOCTORAL STUDENTS

§20

1. A person admitted to a doctoral school commences their education and acquires the rights of a doctoral student upon taking an oath, the content of which is specified in the University's statutes.
2. The rights acquired on this basis expire on the date of completion of education or on the date of the decision to remove the doctoral student from the list of doctoral students becoming final.

§21

1. A doctoral student shall receive an electronic doctoral student ID card, which is a document certifying doctoral student status.
2. Doctoral students are entitled to use the electronic doctoral student ID card until the date of completion of their education or until the decision to remove them from the list of doctoral students becomes final.
3. In the event of damage to or loss of the electronic doctoral student ID card, the doctoral school office must be notified immediately.

§22

A doctoral student has the right to:

1) substantive supervision over the establishment and implementation of an individual research plan,
2) substantive supervision over the preparation of their doctoral dissertation,
3) substantive and methodological assistance in scientific and teaching work,
4) receiving all information related to education and other information concerning research work and doctoral theses, including:
   a) procedures for obtaining funds for scientific research and preparing applications for such funds,
   b) scientific conferences and other scientific undertakings related to research work,
   c) opportunities to participate in national and international seminars, conferences and scientific symposia in the field of the discipline in which the doctoral thesis is being written,
   d) domestic and foreign scholarships,
   e) publishing the results of their research work and presenting them at national and international scientific conferences, in consultation with their supervisor,
5) change of supervisor in particularly justified cases,
6) use of computer programmes, laboratories, equipment and research apparatus to the extent necessary for the implementation of the education programme, scientific research and preparation of the doctoral dissertation, in accordance with the rules of use of the research infrastructure,
7) use of library collections,
8) internships and research scholarships, based on the rules set out in internal regulations,
9) holidays not exceeding eight weeks per year, which should be taken during the period free from teaching activities,
10) extensions of the deadline for submitting a doctoral dissertation,
11) membership in doctoral student organisations on the terms specified in the Act and internal regulations.

§23

1. A doctoral student who does not hold a doctoral degree shall receive a doctoral scholarship.
2. The total period of receiving a doctoral scholarship may not exceed 4 years.
3. The period referred to in paragraph 2 shall not include the period of suspension and the period of education at a doctoral school in the case referred to in Article 206(2) of the Act.

4. The amount of the monthly doctoral scholarship is determined by the rector, in accordance with the rules laid down in the Act.
5. During the period of suspension of education, the provisions on the determination of maternity allowance shall apply accordingly to the determination of the amount of the doctoral scholarship, except that the basis for calculating the allowance shall be understood as the amount of the monthly doctoral scholarship
   referred to in Article 209(4) of the Act, payable on the date of submission of the application for suspension.
6. A doctoral student who has a disability certificate, a certificate of the degree of disability or a certificate referred to in Article 5 and Article 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities shall receive a doctoral scholarship increased by 30% of the amount specified in Article 209(4)(1) of the Act.
7. A doctoral student who has submitted their doctoral dissertation earlier than the date of completion of education provided for in the education programme shall receive a doctoral scholarship until the date of completion of education, but for no longer than 6 months. The provision of paragraph 2 shall apply.
8. A doctoral student who receives remuneration of at least 150% of the doctoral scholarship to which he or she is entitled in accordance with Article 209(4) of the Act on Higher Education and Science, on account of employment in connection with the implementation of a research project referred to in Article 119(2)(2) and (3) of that Act, by the entity running the doctoral school where the doctoral student is studying, during the period of that employment.

§24

1. From the doctoral scholarship shall be is contributions contributions to social as provided for in the regulations on the social insurance system.
2. Doctoral students receiving a doctoral scholarship a doctoral scholarship are covered mandatory pension, disability and accident insurance.
3. Health insurance is voluntary.
4. Doctoral students will be registered by the University for health insurance, unless they are already covered by this insurance under another title.

§25

A doctoral student may be awarded a scholarship financed by a local government unit, on the terms specified in accordance with Article 96(2) and (3) of the Act.

§26

A doctoral student may be awarded a research scholarship financed by a natural person or a legal person other than a state or local government legal person, on the terms specified in Article 97(2) of the Act.

§27

1. A doctoral student may apply for a student loan.
2. The provisions on student loans shall apply accordingly, except that:
   1) the loan may be granted to a doctoral student who is under 35 years of age,
   2) the loan is granted for the period of education at the doctoral school only once, for no longer than 4 years.

§28

Doctoral students may apply for:

1) accommodation in a student hall of residence,

2) accommodation for their spouse or child in a student hall of residence,
– on the terms specified in the regulations on benefits for students.

§29

A doctoral student may submit a request to the director of the doctoral school to change the topic of their doctoral dissertation or the scope of their research, provided that this does not alter the essence of the research project. The request must be justified and accompanied by the supervisor's opinion.

§30

A doctoral student is obliged to:

1) act in accordance with the oath and the regulations of the doctoral school,
2) implement the education programme and individual research plan,
3) participating in teaching and organisational activities,
4) taking examinations, passing credits and completing professional internships,
5) fulfilling the requirements set out in the education programme,
6) submitting a report on the progress of work on the doctoral dissertation in a given academic year to the supervisor for review,
7) submitting the annual report referred to in point 6 to the director of the doctoral school,
8) submitting to the director of the doctoral school the opinion of the ethics committee competent for the subject area of the doctoral thesis, no later than 8 months after commencing education at the doctoral school,
9) submitting a report on the implementation of the individual research plan to the director of the doctoral school within the specified time limit,
10) submitting to the director of the doctoral school, within the deadline specified in the individual research plan, the doctoral dissertation together with the documents required to complete the programme, as specified in the information provided by the director of the doctoral school.
11) submitting all forms of their scientific achievements to the main library of the University in accordance with the rules in force at the University,
12) adhering to good practices in scientific research,
13) comply with the regulations in force at the university, including:
    a) regulations concerning intellectual property and the use of research infrastructure,
    b) regulations concerning data protection,
    c) regulations and rules concerning occupational health and safety and fire safety regulations,
14) keeping confidential technical, technological, organisational and other information whose disclosure could expose the University to harm,
15) immediate delivery of sick leave certificates to the doctoral school office,
16) participation in training required by regulations, including health and safety training,
17) undergoing periodic medical examinations,
18) submitting all documents related withthe completion education resulting from general and internal regulations, including the settlement of the circulation card,
19) immediate notification the doctoral of any name and contact details,
20) respect for University property,
21) taking care of the University's reputation,
22) adherence to the principles of social coexistence.

§31

1. A doctoral student may not be employed as an academic teacher or research worker.
2. This prohibition does not apply to the employment of a doctoral student:
    1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3) of the Act,

2) after a positive mid-term evaluation,
3) who is not entitled to a doctoral scholarship.

3. After a mid-term evaluation, a doctoral student may be employed at the University as an academic teacher. If a doctoral student is employed for more than half of the full-time working hours, the scholarship amount shall be 40% of the monthly scholarship referred to in Article 209(4)(2) of the Act.

§32

A doctoral student who has not completed their education at a doctoral school due to:

1) taking up employment in as an or or researcher,
2) discontinuation of doctoral studies in a given discipline

– the period of education at this school, not exceeding 4 years, shall be counted towards the period of employment on which employee rights depend, provided that the doctoral degree has been obtained.

§33

For violations of the regulations in force at the University and for acts that undermine the dignity of a doctoral student, the doctoral student shall be subject to disciplinary responsibility in accordance with the provisions of the Act and other relevant acts of public and internal law.

§34

1. Doctoral students form a doctoral student council.
2. Doctoral students shall have the right to associate to in organisations of in the entity running the doctoral school.

VI. ORGANISATION OF THE ACADEMIC YEAR

§35

1. The academic year at a doctoral school shall commence no later than 1 October and end no later than 30 September of the following calendar year.
2. The director of the doctoral school may establish hours and days off from classes during the academic year.

§36

1. The accounting period at the doctoral school is the academic year.
2. In order to pass the year, doctoral students must achieve the intended learning outcomes and submit the following to the director of the doctoral school by 30 June of the academic year in question:
   1) an annual report on the progress of work on the doctoral dissertation and on the completion of professional internships in the given academic year, reviewed by the supervisor,
   2) periodic achievement cards with the required entries,
   3) other documents required by the education programme and applicable regulations.
3. In particularly justified cases, the director of the doctoral school may, at the request of the doctoral student, extend the deadline referred to in paragraph 2 to 15 September of the given academic year, subject to the provisions of §42.

VII. COURSE OF EDUCATION AT THE DOCTORAL SCHOOL

§37

1. The doctoral student's attendance at all classes specified in the education programme is mandatory.

2. A doctoral student who has missed a class is required to justify their absence to the lecturer and agree on the manner, date and form of making up for the class.
3. Education at the Doctoral School may also take place in the form of individually organised classes, when justified by scientific or random circumstances. The decision in this matter is made by the director of the doctoral school at the request of the doctoral student, after consultation with the supervisor.
4. In particularly justified cases, at the request of the doctoral student, reviewed by the supervisor, the director of the doctoral school may agree to credit the classes resulting from the education programme if the doctoral student has passed the classes and achieved the required results in the education programme at another scientific or teaching unit, regardless of the form of credit.

§38

1. After completing the cycle of classes for each module (subject) provided for in the education programme, the learning outcomes achieved by doctoral students are verified during examinations, credits or graded credits.
2. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed annually by their supervisor, who includes the results in the annual report on the progress of their academic work.

§39

1. Examinations and graded assessments may take the form of written or oral tests of knowledge and skills.
2. A pass grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
3. A module (subject) may also be passed on the basis of attendance at classes.
4. The form of assessment for a subject is specified in the curriculum.
5. Examinations and credits are entered in the doctoral student's periodic achievement card and in the summary examination and credit records.

§40

1. Before the start of the course, the lecturer informs doctoral students about the method of verification and assessment of learning outcomes.
2. The dates of examinations or assessments are set by the head of the unit/lecturer.

§41

1. The doctoral school uses the following assessment system:
   1) very good (5),
   2) above good (4.5),
   3) good (4),
   4) fairly good (3.5),
   5) satisfactory (3),
   6) unsatisfactory (2).
2. A negative grade is a failing grade. The other grades listed in paragraph 1, starting with satisfactory, are positive grades.
3. A failing grade means that the student has not passed the course or exam.
4. In the case of classes referred to in §39 section 3, the entry "passed" or "zal" shall be used.

§42

1. In special cases, on a justified request of the doctoral student, the director of the doctoral school, after consulting the supervisor, may agree to extend the deadline

referred to in §36(3) and allow the doctoral student to commence education in the following year, conditionally enrolling the doctoral student for the following year of study, i.e. conditional permission to continue education.

2. The director of the doctoral school, when granting conditional permission to continue education, shall set a deadline for making up for the backlog.
3. The provision of paragraph 1 shall not apply to a doctoral student who has not passed the fourth year.

§43

A doctoral student shall not have the right to repeat the year or to be reactivated at the doctoral school.

§44

At the request of a doctoral student, education at the doctoral school shall be suspended for a period corresponding to the duration of maternity leave, leave on the terms of maternity leave, paternity leave and parental leave, as specified in the Act of 26 June 1974 – Labour Code.

§45

1. In the event of circumstances preventing or significantly hindering education, the Director of the doctoral school may, upon a justified request from the doctoral student, grant a break in education.
2. A request for a break in education requires the supervisor's opinion.
3. During the interruption of education referred to in paragraph 1, the doctoral student is not entitled to a doctoral scholarship.
4. The period of interruption of education referred to in section 1 may be granted once during the entire period of education, for a maximum of 12 months.
5. The period of interruption in education shall not be included in the period of education at the doctoral school or in the period referred to in §46(4).

§46

1. Education at the doctoral school ends with the submission of a doctoral dissertation.
2. The doctoral dissertation is subject to verification in an anti-plagiarism system. The verification is carried out by the supervisor.
3. , the doctoral student is obliged to submit a doctoral thesis within the deadline specified in the individual research plan, together with the documents required to complete the education, as specified in the information provided by the Director of the doctoral school.
4. The Director of the doctoral school may, upon a justified request from the doctoral student, extend the deadline for submitting the doctoral dissertation by no more than 2 years, provided that the doctoral school's education programme is completed on time.
6. An extension of the deadline for submitting the doctoral dissertation may be granted in the event of circumstances preventing or significantly hindering the implementation of the individual research plan, in particular:
   1) illness,
   2) fortuitous or personal reasons,
   3) interruption of education referred to in §45.
5. A request for an extension of the deadline for submitting a doctoral dissertation requires the opinion of the supervisor.
6. The application referred to in paragraph 4 shall be considered by the Director of the doctoral school within 14 days of its submission.

§47

1. A doctoral student shall be removed from the list of doctoral students in the event of:
   1) a negative mid-term assessment result,

2) failure to submit a doctoral dissertation within the time limit specified in the individual research plan,
3) resignation from education,
4) failure to commence education,
5) violation of the prohibition referred to in Article 200(7) or Article 209(10) of the Act,
6) being punished with disciplinary expulsion from the doctoral school.

2. In proceedings concerning the removal of a doctoral student from the list of doctoral students, in the cases referred to in paragraph 1(5), the doctoral student shall be requested to submit, within a period of not less than 30 days, a resignation from education at another doctoral school or from employment as an academic teacher or researcher.
3. A doctoral student may also be removed from the list of doctoral students in the event of:
   1) unsatisfactory progress in the preparation of the doctoral dissertation,
   2) failure to fulfil the obligations specified in the doctoral school regulations.
4. Removal from the list of doctoral students is effected by way of an administrative decision. The decision may be appealed for reconsideration.
5. The decision to remove a doctoral student from the list is made by the rector.
6. Re-admission to the doctoral school of a person who has been removed from the list of doctoral students shall be subject to the general rules of admission to the doctoral school at the University.

§48

Subject to the provisions of the regulations, the rector is the appeal body for decisions of the director of the doctoral school in matters covered by the Regulations. The rector's decisions are final.

VIII. MID-TERM EVALUATION

§49

1. The implementation of an individual research plan is subject to a mid-term assessment.
2. The mid-term evaluation takes place halfway through the period of study specified in the study programme.

§50

1. The mid-term assessment shall be carried out by a mid-term assessment committee, hereinafter referred to as
the "committee", appointed by the rector.
2. The committee consists of 3 persons:
   1) the director of the doctoral school as chair,
   2) an academic teacher holding a postdoctoral degree or the title of professor in the discipline in which the doctoral dissertation is being prepared employed at the University,
   3) a person holding a postdoctoral degree or the title of professor in the discipline in which the doctoral dissertation is being prepared, employed outside the University, or a person referred to in Article 190(5) of the Act.
3. The committee deliberates at meetings composed of three members.
4. The work of the committee is directed by the chairperson.
5. Committee meetings may be conducted using electronic means of communication, ensuring in particular:
   1) real-time transmission of the meeting between its participants,
   2) real-time multilateral communication, during which the participants of the meeting may speak in the course of the meeting,
   - in compliance with the necessary security rules.

§51

1. When assessing progress in the implementation of an individual research plan, the committee takes into account:
   1) the substantive consistency and timeliness of the tasks planned in the individual research plan with the tasks completed,
   2) the review of the report referred to in §30(1)(9),
   3) the supervisor's report on the annual assessment of progress in scientific work referred to in §60(1)(8).
2. The review referred to in section 1(2) shall be carried out by a member of the committee appointed by the director of the doctoral school.

§52

1. The mid-term assessment shall result in a positive or negative outcome.
2. The result of the assessment, together with the justification, shall be made public.

§53

1. The committee shall draw up a report on the course of the doctoral student's mid-term assessment.
2. The minutes shall be signed by the chair of the committee.

§54

The detailed procedure for conducting the mid-term assessment shall be determined by the rector.

§55

1. The committee member referred to in §50(2)(1) and (2) shall be entitled to remuneration determined by order of the rector.
2. A member of the committee referred to in §50(2)(3) shall be entitled to remuneration determined in accordance with the provisions of the Act.

IX. ACADEMIC SUPERVISION

§56

1. Supervision of the preparation of a doctoral dissertation shall be provided by a supervisor or by a supervisor and an assistant supervisor.
2. The supervisor or assistant supervisor shall be appointed by the director of the doctoral school within 3 months of the date on which the doctoral student commences their studies.
3. The supervisor and assistant supervisor shall receive a one-off remuneration after the defence of the doctoral dissertation in the amount specified by the Act.

§57

1. The supervisor may be a person employed at the University who holds a postdoctoral degree or the title of professor, and the assistant supervisor may be a person who holds a doctoral degree.
2. In cases justified by the implementation of a doctoral dissertation in international cooperation, the director of the doctoral school, with the consent of the supervisor, may appoint a second supervisor who is an employee of a foreign university or scientific institution.

§58

A person who, within the last 5 years:

1) has been the supervisor of 4 doctoral students who have been removed from the list of doctoral students due to a negative mid-term evaluation, or
2) supervised the preparation of theses by at least two doctoral candidates who did not receive positive reviews as referred to in Article 191(1) of the Act.

§59

A supervisor may supervise no more than 5 doctoral students at the same time, provided that the unit has a sufficient number of teaching hours required for the teaching process.

§60

1. The supervisor's duties include:
   1) establishing an individual research plan with the doctoral student,
   2) determining the doctoral student's work schedule at the unit where they are pursuing their doctoral studies,
   3) supervising the preparation of the doctoral student's doctoral dissertation,
   4) supervision of the implementation of the doctoral student's individual research plan,
   5) verification of the doctoral dissertation in the anti-plagiarism system,
   6) preparation of an opinion on the doctoral dissertation,
   7) ongoing assessment of the doctoral student's academic development and the progress of the doctoral dissertation,
   8) conducting an annual assessment of the doctoral student's progress in scientific work in the form of a written report,
   9) providing the doctoral student with the necessary substantive and methodological assistance in their scientific work,
   10) holding consultations,
   11) assisting the doctoral student in organising a research workshop,
   12) providing the doctoral student guidance and assistance in gaining teaching experience,
   13) reviewing doctoral students' applications for conferences or research internships,
   14) reviewing doctoral students' requests for an extension of the deadline for submitting their doctoral dissertations,
   15) applying to the director of the doctoral school for removal from the list of doctoral students, if there are circumstances justifying such a decision.
2. The supervisor is responsible for the proper conduct of the doctoral student's occupational health and safety training. The scope of the training should be adapted to the nature of the doctoral student's research work and the nature of the teaching activities carried out by the doctoral student as part of their professional practice, and should be confirmed by an appropriate certificate.

§61

In the event of termination or expiry of the supervisor's employment relationship with the University during the doctoral dissertation, the supervisor may continue to act as supervisor with the consent of the head of the unit and the director of the doctoral school.

§62

A doctoral student may apply to the director of the doctoral school for a change of supervisor or assistant supervisor only in justified cases.

§63

A supervisor may resign from this function only in justified cases, in particular due to:

1) termination or expiry of the supervisor's employment relationship with the University,

2) the supervisor's long-term illness.

X. METHOD OF DOCUMENTING THE COURSE OF EDUCATION

§64

1. Information concerning the doctoral student and the course of education at the doctoral school is collected in the doctoral student's file;
2. The course of education at the doctoral school is documented in:
   1) periodic doctoral student achievement records,
   2) course completion reports.
3. Course completion records are stored in the Doctoral School Office and in the organisational units of the university offering the courses to which the records relate.
4. The following documents are kept in the personal file:
   1) documents required from the candidate upon admission to the doctoral school,
   2) the individual report of the Admissions Committee from the admissions procedure,
   3) the oath signed by the doctoral student,
   4) the doctoral student's individual research plan,
   5) documentation related to the mid-term evaluation,
   6) documentation concerning the suspension of education at the doctoral school,
   7) a statement concerning the doctoral student's employment (employment as an academic teacher or research worker),
   8) copies of decisions on removal from the list of doctoral students at the doctoral school,
   9) doctoral student's annual reports on the course of the academic year,
   10) cards of the doctoral student's periodic achievements,
   11) confirmation of receipt of the doctoral student's electronic ID card,
   12) circulation card.
5. Doctoral files are kept by the Doctoral School Office and transferred to the archives within two years of completion of the educational process.

Prof. Bogusław Machaliński, PhD Rector
of PUM
Chairman of the Senate

BR.000.2.2024

Resolution No. 13/2024

of the Senate of the Pomeranian Medical University in Szczecin of 28 February 2024 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 205 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby adopts the following:

§ 1.

The Senate of the Pomeranian Medical University in Szczecin hereby adopts the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, which constitute an appendix to this resolution.

§ 2

The Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin require consultation with the doctoral student council. If, within 3 months of the adoption of the Regulations, the Senate and the Doctoral Student Council fail to reach an agreement on their content, the Regulations shall enter into force by virtue of a resolution of the Senate, adopted by a majority of at least 2/3 of the statutory composition of the Senate.

§3.

Resolution No. 7/2023 of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on the adoption of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin shall cease to be in force.

§4.

The resolution shall enter into force on the date of its adoption and shall apply from 1 October 2024.

Prof. Bogusław Machaliński, PhD Rector of PUM

Chairman of the Senate

Appendix to Resolution No. 13/2024 of the PUM Senate of 28 February 2024.

RULES OF THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

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I. GENERAL PROVISIONS

§1

The Doctoral School of the Pomeranian Medical University in Szczecin, hereinafter referred to as the "doctoral school", is an organised form of education for doctoral students in the discipline of:

1) medical sciences,
2) health sciences,
3) pharmaceutical sciences,

preparing for a doctoral degree and culminating in the submission of a doctoral dissertation.

§2

The doctoral school is run on the basis of the provisions of:

1) the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), hereinafter referred to as "the Act",
2) these Regulations of the Doctoral School,
3) other applicable applicable in Pomeranian Medical Medical University of Szczecin.

§3

The regulations of the doctoral school, hereinafter referred to as "the regulations", define the organisation of education in areas not regulated by the Act, in particular:

1) the rights and obligations of doctoral students,
2) the manner of appointing and changing a supervisor, supervisors or an assistant supervisor,
3) the manner of documenting the course of education,
4) the manner of conducting mid-term assessments,
5) the conditions for extending the deadline for submitting a doctoral dissertation.

§4

The terms used in these regulations shall have the following meanings:

1) **University** – Pomeranian Medical University in Szczecin,
2) **statute** – Statute of the Pomeranian Medical University in Szczecin,
3) **Rector** – Rector of the Pomeranian Medical University in Szczecin,
4) **doctoral student**– a person undergoing education at doctoral doctoral of the Pomeranian Medical University in Szczecin.

§5

1. Education at the doctoral school creates conditions for:
   1) doctoral students to acquire high competences and qualifications in teaching and conducting scientific research,
   2) conducting independent scientific research, also outside the educational institution (including obtaining research grants),
   3) participating in the scientific community in Poland and abroad, scientific cooperation in research teams, including international ones,
   4) preparing a doctoral dissertation.
2. The doctoral school supports the mobility of doctoral students and the establishment of international contacts by enabling doctoral students to participate in international exchange programmes and international conferences.

II. ORGANISATION OF THE DOCTORAL SCHOOL

§6

The organisational structure of the doctoral school consists of:

1) the director of the doctoral school,
2) the doctoral school council,
3) the doctoral school office.

§7

1. The director of the doctoral school manages the school and represents it externally.
2. The director of the doctoral school reports directly to the rector.
3. The director of the doctoral school is the superior of all employees of the doctoral school and the superior and supervisor of doctoral students.
4. The director of the doctoral school makes decisions concerning the functioning of the doctoral school, unless such decisions are reserved for other bodies of the University or the chancellor.
5. In particular, the director of the doctoral school:
   1) organises the recruitment process,
   2) is responsible for the organisation of education,
   3) ensures the quality of education,
   4) prepares the annual financial estimate,
   5) manages the doctoral school's budget,
   6) prepares draft internal regulations concerning the doctoral school,
   7) proposes the appointment of members of the doctoral school council.
6. The director of the doctoral school submits an annual report on the activities of the doctoral school to the rector by 1 March. The report also includes a report on the implementation of the annual financial estimate.
7. The director of the doctoral school may appoint committees or teams of an advisory and consultative nature.

§8

1. The doctoral school council is an advisory and consultative body that provides substantive support to the director of the doctoral school.
2. The Doctoral School Council consists of:
   1) representatives of medical sciences, health sciences and pharmaceutical sciences, who hold co at least the academic degree of doctor habilitated, employed at the University,
   2) a representative of the doctoral student council.
3. Members of the doctoral school council are appointed by the rector at the request of the director of the doctoral school.
4. Meetings of the doctoral school council are convened by the director of the doctoral school.
5. The director of the doctoral school may invite other persons whose presence he or she deems necessary to attend the meetings of the doctoral school council.

§9

1. The doctoral school office provides administrative and organisational support for the doctoral school.
2. The scope of tasks of the doctoral school office is specified in the organisational regulations of the University.

§10

1. The doctoral school operates on the basis of a separate annual budget.
2. The financial year is the calendar year.

3. By 30 September, the doctoral school prepares and submits to the bursar an annual financial estimate, , , taking into account the costs of the activities of the doctoral school , in particular the costs of:
   1) the recruitment process,
   2) doctoral scholarships,
   3) lecturers' remuneration,
   4) classes taught by persons from outside the University,
   5) inviting lecturers to give lectures,
   6) reviewers' remuneration,
   7) remuneration of committee members referred to in §49(2),
   8) materials and small office equipment,
   9) administrative services.

III. RECRUITMENT

§11

1. A person who holds a master's degree, a master's degree in engineering or an equivalent degree may be admitted to the doctoral school, and in exceptional cases, justified by the highest quality of scientific achievements, a graduate of first-cycle studies or a student who has completed the third year of uniform master's studies.
2. Recruitment to the doctoral school takes place through a competition on the terms specified by the Senate.
3. The rules for admission to the doctoral school are made available to the public no later than 5 months before the start of the admission process.
4. Admission to the doctoral school takes place by entry on the list of doctoral students, and in the case of foreigners, on the basis of a decision by the rector.
5. Refusal of admission to the doctoral school is made by way of an administrative decision. The decision may be appealed for reconsideration.
6. The results of the competition are public.
7. At the same time, a person may only be a doctoral student at one doctoral school.

IV. ORGANISATION OF EDUCATION

§12

1. Doctoral education at a doctoral school lasts 8 semesters and ends with the submission of a doctoral dissertation, subject to paragraph 2.
2. It is permissible to shorten the education of doctoral students at a doctoral school to 6 semesters, provided that the education programme and individual research plan are completed.
3. Shortening the time of completion of the doctoral dissertation to less than 8 semesters requires the consent of the director of the doctoral school and agreement on the manner of implementation of the entire education programme.
4. Education is conducted on the basis of the education programme and the individual research plan.
5. The education programme is determined by the senate. The determination of the programme requires consultation with the doctoral student council. If the deadline specified in the statutes expires without result, the requirement to consult is considered to have been met.
6. The education programme is made available to the public no later than 5 months before the start of recruitment.

Education programme

§13

The education programme includes:

1) a description of the expected learning outcomes,
2) a plan for the implementation of the education programme.

§14

1. The description of the intended learning outcomes takes into account the characteristics of the second degree for qualifications at level 8 of the Polish Qualifications Framework, as specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of second-cycle learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework (Journal of Laws, item 2218).
2. The learning outcomes relate to the disciplines of medical sciences, health sciences and pharmaceutical sciences.

§15

The education programme implementation plan specifies:

1) modules/subjects covered in compulsory and optional classes, together with the number of hours,
2) other classes, including doctoral seminars and scientific and teaching activities,
3) the number of hours of professional practice,
4) the placement of compulsory and optional classes and professional internships in individual semesters of education,
5) the forms of conducting and completing classes and professional internships.

§16

Doctoral student is obliged to carry out scientific and teaching activities in accordance with the curriculum. to in accordance with the educational programme

§17

Doctoral students are required to complete professional internships in accordance with the curriculum.

§18

Doctoral students employed at the University as academic teachers in a research and teaching or teaching group are exempt from the obligation to complete professional internships.

Individual research plan

§19

1. The individual research plan is developed by the doctoral student, in consultation with the supervisor or supervisors, and submitted to the University, through the director of the doctoral school, within 8 months from the date of commencement of education.
2. The director of the doctoral school verifies the individual research plan. If errors, inaccuracies, formal deficiencies, etc. are found, the director of the doctoral school calls on the doctoral student to correct the individual research plan.
3. Detailed rules for creating an individual research plan are specified by the rector.

V. RIGHTS AND OBLIGATIONS OF THE DOCTORAL STUDENT

§20

1. A person admitted to the doctoral school begins their education and acquires the rights of a doctoral student upon taking the oath, the content of which is specified in the University's statutes.
2. The rights acquired on this basis expire on the date of completion of education or on the date of the decision to remove the doctoral student from the list of doctoral students becoming final.

§21

1. Doctoral student receives an electronic identity card which which is a document certifying doctoral student status.
2. Doctoral students are entitled to use the electronic doctoral student ID card until the date of completion of their education or until the decision to remove them from the list of doctoral students becomes final.
3. In the event of damage to or loss of the electronic doctoral student ID card, the doctoral school office must be notified immediately.

§22

A doctoral student has the right to:

1) substantive supervision over the establishment and implementation of an individual research plan,
2) substantive supervision over the preparation of their doctoral dissertation,
3) substantive and methodological assistance in scientific and teaching work,
4) receiving all information related to education and other information concerning research work and doctoral theses, including:
   a) procedures for obtaining funds for scientific research and preparing applications for such funds,
   b) scientific conferences and other scientific undertakings related to research work,
   c) opportunities to participate in national and international seminars, conferences and scientific symposia in the field of the discipline in which the doctoral thesis is being written,
   d) domestic and foreign scholarships,
   e) publishing the results of their research work and presenting them at domestic and international scientific conferences, in consultation with their supervisor,
5) change their supervisor in particularly justified cases,
6) use computer programmes, laboratories, equipment and research apparatus to the extent necessary to complete the education programme, conduct scientific research and prepare a doctoral dissertation, in accordance with the rules for the use of research infrastructure,
7) use of library collections,
8) internships and research scholarships, based on the rules set out in internal regulations,
9) holidays not exceeding eight weeks per year, which should be taken during the period free from teaching activities,
10) extensions of the deadline for submitting a doctoral dissertation,
11) membership in doctoral student organisations on the terms specified in the Act and internal regulations.

§23

1. A doctoral student who does not hold a doctoral degree shall receive a doctoral scholarship.
2. The total period of receiving a doctoral scholarship may not exceed 4 years.
3. The period referred to in paragraph 2 shall not include the period of suspension and the period of education at a doctoral school in the case referred to in Article 206(2) of the Act.

4. The amount of the monthly doctoral scholarship shall be determined by the rector, in accordance with the rules laid down in the Act.
5. During the period of suspension of education, the provisions on the determination of maternity allowance shall apply accordingly to the determination of the amount of the doctoral scholarship, except that the basis for calculating the allowance shall be understood as the amount of the monthly doctoral scholarship.
   referred to in Article 209(4) of the Act, applicable on the date of submission of the application for suspension.
6. A doctoral student who has a disability certificate, a certificate of the degree of disability or a certificate referred to in Article 5 and Article 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities shall receive a doctoral scholarship increased by 30% of the amount specified in Article 209(4)(1) of the Act.
7. A doctoral student who has submitted their doctoral dissertation earlier than the date of completion of education provided for in the education programme shall receive a doctoral scholarship until the date of completion of education, but for no longer than 6 months. The provision of paragraph 2 shall apply.
8. A doctoral student whose education at a doctoral school is connected with the obligation to be employed by the entity running the doctoral school shall not be entitled to a doctoral scholarship:
   1) on the basis of an employment contract;
   2) with remuneration exceeding the remuneration of a professor.

§24

1. From the doctoral scholarship is contributions contributions to social as provided for in the regulations on the social insurance system.
2. Doctoral students receiving a doctoral scholarship from are covered mandatory pension, disability and accident insurance.
3. Health insurance is voluntary.
4. Doctoral students will be registered by the University for health insurance, unless they are already covered by this insurance under another title.

§25

A doctoral student may be awarded a scholarship financed by a local government unit, on the terms specified in Article 96(2) and (3) of the Act.

§26

A doctoral student may be awarded a scholarship financed by a natural person or a legal person other than a state or local government legal person, on the terms specified in Article 97(2) of the Act.

§27

1. A doctoral student may apply for a student loan.
2. The provisions on student loans shall apply accordingly, except that:
   1) the loan may be granted to a doctoral student who is under 35 years of age,
   2) the loan is granted for the period of education at the doctoral school only once, for no longer than 4 years.

§28

Doctoral students may apply for:
1) accommodation in a student hall of residence,
2) accommodation for their spouse or child in a student hall of residence,

– on the terms specified in the regulations on benefits for students.

§29

A doctoral student may submit a request to the director of the doctoral school to change the topic of their doctoral dissertation or the scope of their research, provided that this does not alter the essence of the research project. The request must be justified and accompanied by the supervisor's opinion.

§30

A doctoral student is obliged to:

3) acting in accordance with the oath and the doctoral school regulations,
4) implementation of the education programme and individual research plan,
5) participating in teaching and organisational activities,
6) taking examinations, passing credits and completing professional internships,
7) fulfilling the requirements set out in the education programme,
8) submitting a report on the progress of work on the doctoral dissertation in a given academic year to the supervisor for review,
9) submitting the annual report referred to in point 6 to the director of the doctoral school,
10) submitting to the director of the doctoral school the opinion of the ethics committee relevant to the subject matter of the doctoral dissertation, no later than 8 months after commencing education at the doctoral school,
11) submitting a report on the implementation of the individual research plan to the director of the doctoral school within the specified time limit,
12) submitting a doctoral dissertation to the director of the doctoral school within the deadline specified in the individual research plan, together with the documents required to complete the programme, as specified in the information provided by the director of the doctoral school.
13) submitting all forms of their scientific achievements to the main library of the University in accordance with the rules in force at the University,
14) adhering to good practices in scientific research,
15) comply with the regulations in force at the university, including:
    a) regulations concerning intellectual property and the use of research infrastructure,
    b) data protection regulations,
    c) regulations and rules concerning occupational health and safety and fire safety regulations,
16) maintaining the confidentiality of technical, technological, organisational and other information, the disclosure of which could expose the University to harm,
17) immediate delivery of sick leave certificates to the doctoral school office,
18) participation in training required by regulations, including health and safety training,
19) undergoing periodic medical examinations,
20) submitting all documents related withthe completion education resulting from general and internal regulations, including the settlement of the circulation card,
21) prompt notifying the doctoral of any name and contact details,
22) respect for University property,
23) taking care of the University's reputation,
24) adherence to the principles of social coexistence.

§31

1. A doctoral student with a disability or special needs whose health condition prevents them from fully participating in education may submit a request to modify the conditions of education by changing or adapting:
    1) the form of participation in classes;
    2) the form of recording teaching materials;
    3) the mode of obtaining credits and passing examinations;

2. A doctoral student is entitled to submit the application referred to in paragraph 1 if they:
   1) is a person with a disability within the meaning of the Act on Vocational and Social Rehabilitation and Employment of Persons with Disabilities of 27 August 1997,
   2) has submitted to the a certificate confirming the relationship between his or her state of health and the difficulties encountered in pursuing education.
3. The change or adjustment of the conditions for the implementation of education referred to in paragraph 1 shall take into account the degree and nature of the doctoral student's disability or special needs and the capabilities of the University.
4. The change or adjustment of the conditions for the implementation of education referred to in paragraph 1 shall not result in a reduction of the requirements for the doctoral student related to the implementation of the education programme.
5. The doctoral student shall submit the application referred to in paragraph 1 to the Office for Persons with Disabilities.
6. The application shall be reviewed by the Rector's Representative for Persons with Disabilities. The reviewed application shall be forwarded to the director of the doctoral school for consideration.
7. If the application referred to in paragraph 1 is rejected, the doctoral student shall have the right to appeal against the director's decision to the rector within 14 days of the date of delivery of the decision.

§32

A doctoral student who has not completed their education at the doctoral school due to:
   1) taking up employment in as a an or or researcher,
   2) discontinuation of doctoral education in a given discipline

– the period of education at this school, not exceeding 4 years, shall be counted towards the period of employment on which employee rights depend, provided that the doctoral degree has been obtained.

§33

For violations of the regulations in force at the University and for acts that undermine the dignity of a doctoral student, the doctoral student shall be subject to disciplinary liability in accordance with the provisions of the Act and other relevant acts of public and internal law.

§34

1. Doctoral students form a doctoral student council.
2. Doctoral students shall have the right to associate to in organisations of in the entity running the doctoral school.

VI. ORGANISATION OF THE ACADEMIC YEAR

§35

1. The academic year at a doctoral school shall commence no later than 1 October and end no later than 30 September of the following calendar year.
2. The director of the doctoral school may establish hours and days off from classes during the academic year.

§36

1. The settlement period at the doctoral school is the academic year.
2. In order to pass the year, a doctoral student must achieve the intended learning outcomes and submit the following to the director of the doctoral school by 30 June of the academic year in question:
   1) an annual report on the progress of work on the doctoral dissertation and on the completion of professional internships in a given academic year, reviewed by the supervisor,
   2) periodic achievement cards with the required entries,

3) other documents required by the education programme and applicable regulations.

3. In particularly justified cases, the director of the doctoral school may, at the request of the doctoral student, extend the deadline referred to in paragraph 2 to 15 September of the given academic year, subject to the provisions of §42.

VII. COURSE OF EDUCATION AT THE DOCTORAL SCHOOL

§37

1. The doctoral student's attendance at all classes specified in the education programme is mandatory.
2. A doctoral student who has missed a class is required to justify their absence to the lecturer and agree on the manner, date and form of making up for the class.
3. Education at the Doctoral School may also take place in the form of individually organised classes, when justified by scientific or random circumstances or disability. The decision in this matter is made by the director of the doctoral school at the request of the doctoral student, after consultation with the supervisor.
4. In particularly justified cases, at the request of the doctoral student, reviewed by the supervisor, the director of the doctoral school may agree to credit the classes resulting from the education programme if the doctoral student has passed the classes and achieved the required results in the education programme at another scientific or teaching unit, regardless of the form of credit.

§38

1. After completing the cycle of classes for each module (subject) provided for in the education programme, the learning outcomes achieved by doctoral students are verified during examinations, credits or graded credits.
2. The doctoral student's completion of the education programme is also verified during a doctoral seminar. The doctoral student is assessed annually by their supervisor, who includes the result in the annual report on the progress of their scientific work.

§39

1. Examinations and graded assessments may take the form of written or oral tests of knowledge and skills.
2. A pass with a grade may also be awarded on the basis of a written assignment (essay), multimedia project or presentation prepared by the doctoral student on a specified topic.
3. Completion of a module (subject) may also be based on attendance at classes.
4. The form of course completion is specified in the education programme implementation plan.
5. Examinations and credits are entered in the doctoral student's periodic achievement record and in the summary examination and credit records.

§40

1. Before the start of the course, the lecturer informs doctoral students about the method of verification and assessment of learning outcomes.
2. The dates of examinations or assessments are set by the head of the unit/lecturer.

§41

1. The doctoral school uses the following assessment system:
   1) very good (5),
   2) above good (4.5),
   3) good (4),

4) fairly good (3.5),
5) satisfactory (3),
6) unsatisfactory (2).

2. A negative grade is a failing grade. The other grades listed in paragraph 1, starting with satisfactory, are positive grades.
3. A failing grade means that the student has not passed the course or exam.
4. In the case of classes referred to in §39 section 3, the entry "passed" or "zal" shall be used.

§42

1. In special cases, upon a justified request from a doctoral student, the director of the doctoral school, after consulting the supervisor, may agree to extend the deadline referred to in §36(3) and allow the doctoral student to continue their education in the next year, conditionally enrolling the doctoral student for the next year of study, i.e. granting conditional permission to continue education.
2. The director of the doctoral school, when granting conditional permission to continue education, shall set a deadline for making up for the backlog.
3. The provision of paragraph 1 shall not apply to a doctoral student who has not passed the fourth year.

§43

A doctoral student shall not have the right to repeat the year or to be reactivated at the doctoral school.

§44

At the request of a doctoral student, education at the doctoral school shall be suspended for a period corresponding to the duration of maternity leave, leave on the terms of maternity leave, paternity leave and parental leave, as specified in the Act of 26 June 1974 – Labour Code.

§45

1. In the event of circumstances preventing or significantly hindering education, the Director of the doctoral school may, upon a justified request from the doctoral student, grant a break in education.
2. A request for a break in education requires the opinion of the supervisor.
3. During the break in education referred to in paragraph 1, the doctoral student shall not be entitled to a doctoral scholarship.
4. The period of interruption of education referred to in paragraph 1 may be granted once during the entire period of education, for a maximum of 12 months.
5. The period of interruption in education shall not be included in the period of education at the doctoral school or in the period referred to in §46(4).

§46

1. Education at the doctoral school ends with the submission of a doctoral thesis.
2. The doctoral dissertation is subject to verification in an anti-plagiarism system. The verification is carried out by the supervisor.
3. Doctoral students are required to submit their doctoral thesis within the deadline specified in their individual research plan, together with the documents required to complete their education, as specified in the information provided by the Director of the doctoral school.
4. The Director of the doctoral school may, upon a justified request from the doctoral student, extend the deadline for submitting the doctoral dissertation by no more than 2 years, provided that the doctoral school's education programme is completed on time.
6. An extension of the deadline for submitting the doctoral dissertation may be granted in the event of circumstances preventing or significantly hindering the implementation of the individual research plan, in particular:

1) illness,
2) fortuitous or personal reasons,
3) interruption of education referred to in §45.

5. A request for an extension of the deadline for submitting a doctoral dissertation requires the opinion of the supervisor.
6. The request referred to in paragraph 4 shall be considered by the Director of the doctoral school within 14 days of its submission.

§47

1. A doctoral student shall be removed from the list of doctoral students in the event of:
   1) a negative result of the mid-term assessment,
   2) failure to submit a doctoral dissertation within the time limit specified in the individual research plan,
   3) resignation from education,
   4) failure to commence education,
   5) violation of the prohibition referred to in Article 200(7) or Article 209(10) of the Act,
   6) being punished with disciplinary expulsion from the doctoral school.
2. In proceedings concerning the removal of a doctoral student from the list of doctoral students, in the cases referred to in paragraph 1(5), the doctoral student shall be requested to submit, within a period of not less than 30 days, a resignation from education at another doctoral school or from employment as an academic teacher or researcher.
3. A doctoral student may also be removed from the list of doctoral students in the event of:
   1) unsatisfactory progress in the preparation of the doctoral dissertation,
   2) failure to fulfil the obligations specified in the doctoral school's regulations.
4. Removal from the list of doctoral students is effected by way of an administrative decision. The decision may be appealed for reconsideration.
5. The decision to remove a doctoral student from the list is made by the rector.
6. Re-admission to the doctoral school of a person who has been removed from the list of doctoral students shall be subject to the general rules of admission to the doctoral school at the University.

§48

Subject to the provisions of the regulations, the rector is the appeal body for decisions made by the director of the doctoral school in matters covered by the Regulations. The rector's decisions are final.

VIII. MID-TERM EVALUATION

§49

1. The implementation of an individual research plan is subject to a mid-term evaluation.
2. The mid-term evaluation takes place halfway through the period of study specified in the study programme.

§50

1. The mid-term assessment shall be carried out by a mid-term assessment committee, hereinafter referred to as
the "committee", appointed by the rector.
2. The committee consists of 3 persons:
   1) the director of the doctoral school as chair,
   2) an academic teacher holding a postdoctoral degree or the title of professor in the discipline, in which the doctoral dissertation is being prepared employed at the University,
   3) a person holding a postdoctoral degree or the title of professor in the discipline in which the doctoral dissertation is being prepared, employed outside the University, or a person referred to in Article 190(5) of the Act.
3. The committee deliberates at meetings composed of three members.

4. The work of the committee is directed by the chairperson.
5. Meetings of the committee may be held by the means electronic communication, ensuring in particular:
   1) real-time transmission of the meeting between its participants,
   2) multilateral real-time communication, in which meeting participants can speak during the meeting,
   - in compliance with the necessary security rules.

§51

1. When assessing progress in the implementation of an individual research plan, the committee shall take into account:
   1) the substantive consistency and timeliness of the implementation of the tasks planned in the individual research plan with the tasks completed,
   2) a review of the report referred to in §30(1)(9),
   3) the supervisor's report on the annual assessment of progress in scientific work referred to in §60(1)(8).
2. The review referred to in section 1(2) shall be carried out by a member of the committee appointed by the director of the doctoral school.

§52

1. The mid-term assessment shall result in a positive or negative outcome.
2. The result of the assessment, together with the justification, shall be made public.

§53

1. The committee shall draw up a report on the course of the doctoral student's mid-term assessment.
2. The minutes shall be signed by the chair of the committee.

§54

The detailed procedure for conducting the mid-term assessment shall be determined by the rector.

§55

1. The committee member referred to in §50(2)(1) and (2) shall be entitled to remuneration determined by order of the rector.
2. A member of the committee referred to in §50(2)(3) shall be entitled to remuneration determined in accordance with the provisions of the Act.

IX. ACADEMIC SUPERVISION

§56

1. Supervision of the preparation of a doctoral dissertation shall be provided by a supervisor or by a supervisor and an assistant supervisor.
2. The supervisor or assistant supervisor is appointed by the director of the doctoral school within three months of the doctoral student commencing their studies.
3. The supervisor and assistant supervisor receive a one-off remuneration after the defence of the doctoral dissertation in the amount specified by law.

§57

1. The supervisor may be a person employed at the University who holds at least a postdoctoral degree, and the assistant supervisor may be a person who holds at least a doctoral degree.
2. In cases justified by the implementation of a doctoral dissertation in international cooperation, the director of the doctoral school, with the consent of the supervisor, may appoint a second supervisor who is an employee of a foreign university or scientific institution.

§58

A person who, within the last 5 years:

1) has been the supervisor of 4 doctoral students who have been removed from the list of doctoral students due to a negative mid-term evaluation, or
2) supervised the preparation of theses by at least two doctoral students who did not receive positive reviews as referred to in Article 191(1) of the Act.

§59

A supervisor may supervise no more than 5 doctoral students at the same time, provided that the unit has a sufficient number of teaching hours required for the teaching process.

§60

1. The supervisor's duties include:
   1) establishing an individual research plan with the doctoral student,
   2) determining the doctoral student's work schedule at the unit where they are pursuing their doctoral studies,
   3) providing academic supervision over the doctoral student's preparation of their doctoral dissertation,
   4) supervising the doctoral student's implementation of the individual research plan,
   5) verification of the doctoral dissertation in the anti-plagiarism system,
   6) preparation of an opinion on the doctoral dissertation,
   7) ongoing assessment of the doctoral student's academic development and the progress of the doctoral dissertation,
   8) conducting an annual assessment of the doctoral student's progress in scientific work in the form of a written report,
   9) providing the doctoral student with the necessary substantive and methodological assistance in their scientific work,
   10) holding consultations,
   11) assisting the doctoral student in organising a research workshop,
   12) providing the doctoral student guidance and assistance in gaining teaching experience,
   13) reviewing doctoral students' applications for conferences or research internships,
   14) reviewing doctoral students' applications for extension of the deadline for submitting their doctoral dissertations,
   15) requesting the director of the doctoral school to remove a doctoral student from the list of doctoral students, if circumstances justifying such a decision arise.
2. The supervisor is responsible for the proper conduct of the doctoral student's occupational health and safety training. The scope of the training should be adapted to the nature of the doctoral student's research work and the nature of the teaching activities carried out by the doctoral student as part of their professional practice, and should be confirmed by an appropriate certificate.

§61

In the event of termination or expiry of the supervisor's employment relationship with the University during the doctoral dissertation, the supervisor may continue to act as supervisor with the consent of the head of the unit and the director of the doctoral school.

§62

A doctoral student may apply to the director of the doctoral school for a change of supervisor or assistant supervisor only in justified cases.

§63

A supervisor may resign from this function only in justified cases, in particular due to:

1) termination or expiry of the supervisor's employment relationship with the University,
2) the supervisor's long-term illness.

X. METHOD OF DOCUMENTING THE COURSE OF EDUCATION

§64

1. Information concerning the doctoral student and the course of education at the doctoral school is collected in the doctoral student's file;
2. The course of education at the doctoral school is documented in:
   1) periodic doctoral student achievement records,
   2) course completion reports.
3. Course completion reports are stored in the Doctoral School Office and in the organisational units of the university offering the courses to which the reports relate.
4. The following are stored in the personal file:
   1) documents required from the candidate upon admission to the doctoral school,
   2) individual minutes of the Admissions Committee from the admissions procedure,
   3) oath signed by the doctoral student,
   4) the doctoral student's individual research plan,
   5) documentation related to the mid-term evaluation,
   6) documentation concerning the suspension of education at the doctoral school,
   7) a statement concerning the doctoral student's employment (employment as an academic teacher or research worker),
   8) copies of decisions on removal from the list of doctoral students at the doctoral school,
   9) doctoral student's annual reports on the course of the academic year,
   10) doctoral student's periodic achievement cards,
   11) confirmation of receipt of the doctoral student's electronic ID card,
   12) circulation card.
5. Doctoral files are kept by the Doctoral School Office and transferred to the archive within two years of the completion of the education process.

Prof. Bogusław Machaliński, PhD, Rector
of PUM
Chairman of the Senate

Decree No. 97/2019

of the Rector of the Pomeranian Medical University in Szczecin of 23 August 2019 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws, item 1668, as amended) and §12 of the Annex to Resolution No. 41/2019 of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year, I hereby order the following:

§ 1

I hereby appoint the following selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin:

Selection Committee I:

Prof. Anna Lubkowska, PhD – chair

Prof. Barbara Dołęgowska

Prof. Anna Jakubowska, PhD

Dr Izabela Gutowska

Prof. Maria Laszczyńska, PhD

Prof. Janusz Menkiszak

Jacek Brodowski, PhD

Dr Anna Jurczak

Iwona Rotter, PhD

Qualification Committee II:

Prof. Anna Lubkowska, PhD – chair

Prof. Beata Karakiewicz

Prof. Maria Laszczyńska, PhD

Prof. Marek Myślak, PhD

Elżbieta Dembowska, PhD, Professor at the Pomeranian Medical University

Dr Jacek Brodowski

Dr Izabela Gutowska

§2

A representative of the doctoral student council may participate in the meetings of the Qualification Committee as an observer.

§3

This regulation shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

Decree No. 122/2020

of the Rector of the Pomeranian Medical University in Szczecin of 3 September 2020 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (i.e. Journal of Laws of 2020, item 85, as amended) and §13 of the Annex to Resolution No. 15/2020 of the Senate of the Pomeranian Medical University in Szczecin of 18 March 2020 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year, I hereby order the following:

§ 1

I hereby appoint the following selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2020/2021 academic year:

Selection Committee I:

Prof. Anna Lubkowska, PhD – chair

Prof. Izabela Gutowska

Prof. Beata Karakiewicz, PhD

Anna Jurczak, PhD

Iwona Rotter, PhD

Qualification Committee II:

Prof. Anna Lubkowska, PhD – chair

Prof. Barbara Dołęgowska

Prof. Anna Jakubowska, PhD

Prof. Mariusz Lipski

Prof. Janusz Menkiszak, PhD

Prof. Marek Myślak, PhD

Damian Lichota, PhD

§2

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3

This regulation shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

Decree No. 101/2021

of the Rector of the Pomeranian Medical University in Szczecin of 30 August 2021 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended) and §13 of the Annex to Resolution No. 13/2021 of the Senate of the Pomeranian Medical University in Szczecin of 24 February 2021 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2021/2022 academic year, I hereby order the following:

§1.

I hereby appoint the selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2021/2022 academic year, composed of:

1) Selection Committee I:
   a) Prof. Anna Lubkowska, MD, PhD – chair,
   b) Prof. Anna Jakubowska, MD, PhD,
   c) Prof. Marek Drożdzik, MD, PhD,
   d) Damian Lichota, MD, PhD,
   e) Marek Myślak, MD, PhD,
   f) Jacek Brodowski, PhD in Health Sciences,

2) Qualification Committee II:
   a) Prof. Anna Lubkowska, PhD – chair,
   b) Prof. Izabela Gutowska, PhD,
   c) Prof. Beata Karakiewicz, PhD,
   d) Prof. Agnieszka Brodowska, PhD,
   e) Prof. Elżbieta Grochans, MD, PhD,
   f) Iwona Rotter, MD, PhD, Professor at Pomeranian Medical University.

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3. This order

shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD, Rector of PUM

DOP.0210.95.2022

Decree No. 95/2022

of the Rector of the Pomeranian Medical University in Szczecin of 26 August 2022 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended) and §13 of the Annex to Resolution No. 7/2022 of the Senate of the Pomeranian Medical University in Szczecin of 23 February 2022 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year, I hereby order the following:

§1.

I hereby appoint the selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2022/2022 academic year, composed of:

Selection Committee I:

1) Prof. Anna Lubkowska, MD, PhD – chair
2) Prof. Anna Jakubowska, MD, PhD
3) Prof. Beata Karakiewicz, PhD
4) Prof. Iwona Rotter, MD, PhD
5) Jacek Brodowski, PhD

Qualification Committee II:

1) Prof. Anna Lubkowska, PhD – Chair
2) Prof. Agnieszka Brodowska, PhD
3) Prof. Marek Droździk, MD, PhD
4) Prof. Izabela Gutowska, PhD
5) Magda Wiśniewska, MD, PhD

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3. This regulation shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

DOP.0210.126.2022

Decree No. 126/2022

of the Rector of the Pomeranian Medical University in Szczecin of 5 October 2022 on the appointment of a selection committee in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended) and §13 in connection with §20(1) of the Annex to Resolution No. 7/2022 of the Senate of the Pomeranian Medical University in Szczecin of 23 February 2022 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year, I hereby order as follows:

§1.

I hereby appoint a selection committee for the recruitment process (supplementary recruitment) to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2022/2023 academic year, composed of:

1) Prof. Anna Lubkowska, MD, PhD – chair,
2) Prof. Anna Jakubowska, MD, PhD,
3) Prof. Beata Karakiewicz, MD, PhD,
4) Prof. Izabela Gutowska, MD, PhD,
5) Prof. Marek Drożdzik, MD, PhD,
6) Prof. Andrzej Ciechanowicz, MD, PhD.

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committee as an observer.

§3. This order

shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

DOP.0210.105.2023

Decree No. 105/2023

of the Rector of the Pomeranian Medical University in Szczecin of 4 September 2023 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended) and §12 of the Annex to Resolution No. 6/2023 of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2023/2024 academic year, I hereby order the following:

§1.

I hereby appoint the selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2023/2024 academic year, composed of:

Selection Committee I:

1) Prof. Anna Lubkowska, MD, PhD – chair
2) Prof. Elżbieta Grochans, PhD
3) Jacek Brodowski, PhD
4) Małgorzata Marchelek-Myśliwiec, MD, PhD
5) Monika Gołąb-Janowska, MD, PhD
6) Radosław Kiedrowicz, MD, PhD
7) Prof. Izabela Gutowska, PhD

Qualification Committee II:

1) Prof. Anna Lubkowska, PhD – chair
2) Prof. Agnieszka Brodowska, PhD
3) Prof. Andrzej Ciechanowicz, MD, PhD
4) Prof. Irena Baranowska-Bosiacka, MD, PhD
5) Magda Wiśniewska, MD, PhD
6) Damian Lichota, MD, PhD

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3. This order

shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD, Rector of the Pomeranian Medical University

DOP.0210.80.2024

Decree No. 80/2024

of the Rector of the Pomeranian Medical University in Szczecin of 12 August 2024 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended) and §12 of the Annex to Resolution No. 12/2024 of the Senate of the Pomeranian Medical University in Szczecin of 28 March 2024 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2024/2025 academic year, I hereby order the following:

§1.

I hereby appoint the selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2024/2025 academic year, composed of:

Selection Committee I:

1) Prof. Anna Lubkowska, MD, PhD – chair
2) Prof. Andrzej Ciechanowicz, MD, PhD
3) Prof. Anna Jakubowska, MD, PhD
4) Damian Lichota, MD, PhD
5) Ewa Kwiatkowska, MD, PhD
6) Jacek Brodowski, PhD

Qualification Committee II:

1) Prof. Anna Lubkowska, PhD – chair
2) Prof. Agnieszka Brodowska, PhD
3) Prof. Irena Baranowska-Bosiacka, MD
4) Prof. Elżbieta Grochans, PhD
5) Prof. Izabela Gutowska, PhD
6) Prof. Marek Droździk, MD

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3.

This regulation shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

DOP.020.61.2025

Decree No. 61/2025

of the Rector of the Pomeranian Medical University in Szczecin of 7 April 2025 on the appointment of selection committees in the recruitment process for the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to Article 23(1) of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws of 2024, item 1571, as amended) and §13 of the Annex to Resolution No. 9/2029 of the Senate of the Pomeranian Medical University in Szczecin of 19 February 2025 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2025/2026 academic year, I hereby order the following:

§1.

I hereby appoint the selection committees for the recruitment process to the Doctoral School of the Pomeranian Medical University in Szczecin for the 2025/2026 academic year, composed of:

Selection Committee I:

1) Prof. Anna Lubkowska, PhD – chair
2) Prof. Andrzej Ciechanowicz
3) Prof. Anna Jakubowska, PhD
4) Prof. Elżbieta Petriczko, PhD
5) Jacek Brodowski, PhD
6) Damian Lichota, PhD

Qualification Committee II:

1) Prof. Anna Lubkowska, PhD – chair
2) Prof. Agnieszka Brodowska
3) Prof. Irena Baranowska-Bosiacka, PhD
4) Prof. Elżbieta Grochans
5) Prof. Izabela Gutowska, PhD
6) Professor Marek Drożdzik, PhD

§2.

A doctoral student delegated by the relevant doctoral student self-government body may participate in the meetings of the Qualification Committees as an observer.

§3.

This regulation shall enter into force on the date of its signing.

Prof. Leszek Domański, PhD Rector
of PUM

Resolution No. 41/2019

of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

Pursuant to the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2018, item 1668, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

1. The "Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year" are hereby established and constitute an appendix to this resolution.
2. The terms used in this Resolution shall have the following meanings:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

§2

Admission limits to the Doctoral School shall be determined by order of the Rector.

§ 3

The resolution shall enter into force on the date of its announcement.

Prof. Bogusław Machaliński, PhD,
Rector of PUM
Chairman of the Senate

Appendix
to Resolution No.
41/2019

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

GENERAL PROVISIONS

§1

In the 2019/2020 academic year, the Pomeranian Medical University in Szczecin will conduct recruitment to the Doctoral School in the field of medical sciences and health sciences, in the following disciplines:

1) medical sciences,
2) health sciences.

Admission procedure rules

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not enrolled in doctoral studies at PUM or are doctoral students at another doctoral school.
2. Foreigners may undertake and complete education at the Doctoral School on the basis of:
   1) international agreements, on the terms specified in those agreements;
   2) agreements concluded by the University with foreign entities, on the terms specified in those agreements;
   3) decisions of the Minister of Science and Higher Education;
   4) decisions of the director of the National Agency for Academic Exchange with regard to its scholarship holders;
   5) decisions of the Director of the National Science Centre on the allocation of funds for basic research in the form of a research project, internship or scholarship, qualified for funding through a competition;
   6) an administrative decision of the Rector.
3. Foreigners who speak Polish at a level of at least B2 may apply for admission to the Doctoral School.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.

3. Candidates are required to comply with the deadlines for the recruitment process and to regularly check the Doctoral School's website.
4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates of required in the recruitment process;
2) verification of documents submitted by candidates;
3) the selection process, during which the following are carried out:
   a) evaluation of the research project,
   b) an interview;
4) determination of the results of the recruitment process;
5) entry on the list of doctoral students, issuance of a decision on refusal of admission to the Doctoral School.

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in paragraph 2, to the Doctoral School Office within the specified time limit. The application form is specified in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) a research project (in 2 copies) meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) the original or a copy of the diploma of completion of uniform master's studies,
      b) the original or a copy of the diploma of completion of first-cycle and second-cycle studies,
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent;
   3) documented academic results during studies – a certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university;

4) documented information on academic achievements, in particular: publications with MNISW or IF scores, active participation in congresses/conferences, awards at scientific conferences, participation in internships and work placements abroad related to the field of study, participation in scientific and research projects;
5) a certificate of assessment in a modern foreign language issued by an authorised unit of the candidate's home university;
6) a certificate confirming knowledge of an additional modern foreign language, other than the language referred to in point 5, at a language proficiency level of at least B2 – if the candidate has such a certificate;
7) candidate's personal questionnaire – template available on the Doctoral School website;
8) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view);
9) if you have a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (i.e. Journal of Laws of 2018, item 511) – a copy of this certificate.

3. In the case of submitting certificates of completion of studies referred to in section 2(2)(c), the candidate is required to submit a diploma or a copy of a diploma of completion of studies to the Doctoral School Office immediately after receiving it.
4. In the case of submitting a certificate referred to in section 2(6), only certificates from the list specified in Appendix 2 to these Rules will be accepted.
5. A candidate holding a diploma of completion of studies abroad, which, in accordance with the provisions of the Act, confirms that they have completed second-cycle studies or uniform master's studies in the Republic of Poland, or is recognised as equivalent to a Polish diploma of completion of second-cycle studies or uniform master's studies and a professional title, is required to submit:
   1) a diploma legalised or bearing an apostille clause, or
   2) a certificate of recognition, through a nostrification procedure, of the equivalence of the diploma with the relevant Polish diploma and professional title.
6. Foreigners are also required to submit a certificate confirming their knowledge of Polish at least at the B2 level of language proficiency, issued by the State Commission for the Certification of Proficiency in Polish as a Foreign Language, or a certificate confirming completion of a preparatory course for education in Polish at an institution designated by the Minister of Science and Higher Education, or a certificate issued by the University confirming that their level of Polish language proficiency allows them to undertake education in that language.
7. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
8. In the case of the documents referred to in section 2(2), an employee of the Doctoral School Office may certify that the above-mentioned documents are true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:

1) a justification for the choice of the research project topic, indicating the latest scientific literature in the selected field;
2) a definition of its objective;
3) a description of the material and methods;
4) the expected benefits of the research;
5) consent of unit managers to carry out the research project in a given unit;
6) approval of the potential supervisor;
7) the candidate's signature.

2. The candidate selects a potential supervisor from among the academic teachers employed at the University. The candidate may use the suggestions of supervisors provided in the list of potential supervisors, published on the Doctoral School's website.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline is understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the qualification procedure.

Chapter 3 Selection procedure

§10

1. Candidates shall be assessed on the basis of:
   1) their research project,
   2) their grade point average for the entire period of study,
   3) assessment of a modern foreign language,
   4) interview,
   5) academic achievements, i.e. previous academic achievements referred to in §6(2)(4),
   6) additional foreign language.

2. Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules.

§11

1. The research project is subject to evaluation.
2. The assessment is carried out by a reviewer appointed by the director of the Doctoral School.
3. A positive evaluation of the research project entitles the candidate to proceed to the interview.
4. The Doctoral School Office shall notify the candidate of the date of the interview.

§12

1. The interview is conducted by an admissions committee appointed by the rector in the given discipline.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School;
   2) at least three academic teachers holding at least a postdoctoral degree, representing the scientific discipline relevant to the research project referred to in § 6(2)(1).
3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the admissions committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§13

1. The subject matter of the interview is consistent with the subject area of the research project and aims to assess:
   1) the candidate's general knowledge in a given field of science;
   2) the candidate's level of preparation for the implementation of the research project;
   3) the candidate's ability to present the project;
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to attend the interview on the appointed date will result in a failing grade.

§14

The results obtained by the candidate in the qualification procedure shall be documented by the director of the Doctoral School in a report.

Chapter 4

Determination of the results of the recruitment process

§15

1. Based on the results of the qualification procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the selection procedure.

3. Obtaining the required number of points, which entitles the candidate to be admitted to the Doctoral School within the established limit of places, is the basis for entry on the list of doctoral students.
4. The results of the selection process are published in the University's Public Information Bulletin www.bip.pum.edu.pl
5. Upon request, candidates shall be informed of the partial results of the selection process.

§16

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the set admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.
2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§17

1. If the number of applicants for admission to the Doctoral School is lower than the specified limit, those who have submitted the required documents and received a positive assessment of their research project and interview will be admitted to the Doctoral School.
2. If, after the recruitment process, the admission limit to the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
3. The dates of the supplementary recruitment process shall be determined by the director of the Doctoral School. The provisions of §3 shall apply accordingly.

§18

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by – candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§19

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Appendix to Resolution No. 41/2019

Chapter 5

Enrolment on the list of doctoral students, issuance of a decision to refuse admission to the Doctoral School

§20

1. Admission to the Doctoral School takes place by means of:
   1) entry on the list of doctoral students – in the case of a candidate who is a Polish citizen;
   2) an administrative decision – in the case of foreign nationals.
2. Enrolment on the list of doctoral students is carried out by the director of the Doctoral School.
3. The decision to admit a foreigner to the Doctoral School is made by the rector, subject to Article 323(1)(3)-(5) of the Act.

§21

A doctoral student may not be employed as an academic teacher, except in the cases specified in Article 209(10) of the Act.

§22

1. Refusal of admission to the Doctoral School shall be made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School shall be issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

FINAL PROVISIONS

§ 23

1. Candidates for the Doctoral School who are persons with disabilities are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. The conditions for conducting the interview shall take into account the needs of candidates with disabilities.

§24

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix
to Resolution No.
41/2019

Appendix No.
1 to the Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

Szczecin,.....

First name and surname:	
Postal address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the 2019/2020 academic year. The research project will be carried out at:

…….....……..... …….....

(exact name of the PUM unit)

The proposed supervisor will be:

….....…….....……..…….....……..…….....

(first name and surname)

Proposed topic of the doctoral dissertation:

…….....……

…….....……

…….....……..……

Consent of the proposed supervisor

I agree to provide academic supervision for the preparation of the doctoral thesis

…….....……

…….....……

…….....……..……

prepared by Ms/Mr

…….....……

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……

place and date *signature and stamp of the supervisor*

Provision of teaching hours

I hereby confirm that the above-mentioned candidate for the Doctoral School will be able to complete teaching hours in accordance with the current curriculum of the Doctoral School in:

…….....…….....

…….....

(exact name of the PUM unit)

…… ……

place and date *signature and stamp of the supervisor/head of the unit*

RESEARCH PROJECT TOPIC constitutes the subject matter of the interview in the discipline of:

□ medical sciences □ health sciences

I declare that I am not a doctoral student and am not applying to another doctoral school.

Decision on disability/decision on the degree of disability/decision referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my signature.

…… ……

place and date *legible signature*

Appendix
to Resolution No.
41/2019

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws, item 1668, as amended) and its consequences for the recruitment process to the Doctoral School

(Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or researcher. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship is 40% of the monthly scholarship referred to in paragraph 4(2); 3) who is not entitled to a doctoral scholarship.)*

…… ……

place and date *legible signature*

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:

telephone number: .....

email address:.....

by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone or email address to establish and maintain communication.

I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of that consent before its withdrawal.

…… ……

place and date *legible signature*

Appendix to Resolution No. 41/2019

INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The administrator of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer</td><td colspan="2">For all matters related to the processing of your personal data by us, you can contact the Data Protection Officer atiod@pum.edu.pl or by phone at 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal basis</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>To fulfil legal obligations related to the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>To fulfil legal obligations related to the appeal process – in the event of a request for reconsideration of a case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Preparation and sharing the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitating communication via email and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the scope of the controller's legitimate interest</td></tr>
<tr><td>Internal administrative, analytical and statistical purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Data recipients</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed under the law;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the expiry of the limitation period for claims. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing and data portability. You also have the right to lodge a complaint with a supervisory authority responsible for compliance with personal data protection regulations.</td></tr>
</table>

	Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interest of the controller or in the public interest. Your personal data will no longer be processed for these purposes, unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or your data is necessary for the possible establishment, investigation or defence of claims. In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.
Information on the optional or mandatory nature of providing data	The provision of personal data required by law is a statutory requirement, and failure to provide such data may result in the inability to participate in the recruitment process or the rejection of the recruitment application. The provision of data not required by law is voluntary.
Additional information	We will not transfer your data outside the EEA. We do not make decisions in an automated manner, i.e. based on automatic data analysis.

I enclose with this application: *(delete as appropriate)**

No.	List of documents*	Receipt of documents by the candidate
1.	Original/copy of second-cycle degree diploma/ uniform master's degree studies / certificate issued by the dean's office confirming completion of second-cycle studies / uniform master's studies and obtaining the professional title of master / master of engineering / equivalent engineer / equivalent	
2.	Certificate of average grades for the period of first-cycle and second-cycle studies / uniform master's studies (to two decimal places)	
3.	Research project reviewed by the proposed supervisor – 2 copies	
4.	Documents confirming academic achievements	
5.	Photocopy of a document confirming participation in scientific research projects/grants	
6.	Certificate of participation in internships and work placements abroad (min. 1 month)	
7.	Certificate of assessment in a modern foreign language issued by an authorised unit of the candidate's home university;	
8.	Copy of a certificate confirming knowledge of an additional modern foreign language (minimum B2)	
9.	1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view)	
10.	Candidate's personal questionnaire	
11.	Decision of disability / certificate on degree disability / the decision referred to in Article 5 and Article 62	

	of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities	
12.	Consent to the processing of personal data for the purpose of facilitating communication with the Pomeranian Medical University in Szczecin.	
13.	Other documents:	

Documents - foreigner

14.	Diploma of completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018 - Law on Higher Education and Science, confirming in the Republic of Poland the possession of education at the level of second-cycle studies or uniform master's studies / recognised as equivalent to a Polish diploma of second-cycle studies or uniform master's studies and the professional title of master, master of engineering or equivalent	
15.	Legalisation of a diploma of completion of studies abroad / apostille clause	
16.	Certificate of recognition, through nostrification proceedings, of the equivalence of a foreign degree with a Polish second-cycle degree / uniform master's degree and the professional title of master / master of engineering / equivalent	
17.	Certificate of average grades for the period of first and second cycle studies / uniform master's studies / for the period of studies completed abroad, recognised as equivalent to first and second cycle studies / uniform master's studies (to two decimal places)	
18.	Certificate confirming knowledge of the Polish language, issued by the State Commission for the Certification of Proficiency in Polish as a Foreign Language / certificate confirming completion of a one-year preparatory course for studying in Polish at an institution designated by the Minister of Science and Higher Education / certificate issued by the Pomeranian Medical University in Szczecin (SPNJO), confirming knowledge of Polish at a level sufficient to undertake education in Polish (minimum B2)	
19.	Translation of documents into Polish by a sworn translator	

…… ……

place and date *legible signature*

I confirm receipt of the documents listed in the table above:

…… ……

place and date *signature and stamp of the employee Doctoral School Office*

Appendix
to Resolution No.
41/2019

Appendix No.
2 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

LIST OF CERTIFICATES CONFIRMING KNOWLEDGE OF A MODERN FOREIGN LANGUAGE

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Diploma Intermédio de Português Língua Estrangeira (DIPLE) (B2), Diploma Avançado de Português Língua Estrangeira (DAPLE) (C1), Diploma Universitário de Português Língua Estrangeira (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency (PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),

h) Prøve i Dansk 3 (B2), Studieprøven (C1),
i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:
a) Educational Testing Service (ETS) – in particular the following certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,
b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),
c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level Communicator, Expert, Mastery; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,
d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),
e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – "Pass with Credit" level, "Pass with Distinction" level,
f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular the following certificates: International English Language Testing System IELTS – above 6 points,
g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diplôme de Français Professionnel (DFP) Affaires C1,

h) Goethe-Institut, German Chamber of Industry and Commerce (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) (C1) certificate,
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Russian Language Institute,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Philosophy Studia Academica Slovaca – centre for Slovak as a foreign language,
s) Comenius University in Bratislava; Centre for Further Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advanced).

Appendix
to Resolution No.
41/2019

Appendix No.
3 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin
for the 2019/2020 academic year

BASIS FOR QUALIFICATION	
Research project from the list of available research areas – assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5 awarded score x 2	min. 6 - max. 10 points
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points
Foreign language grade the number of points corresponds to the grade on the scale: 2; 3; 3.5; 4; 4.5; 5	min. 3 - max. 5 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparation for the implementation of a research project	
project presentation skills	
discussion and opinion forming	
Additional foreign language	2 points
Points for documented scientific achievements:	
• IF publications that have been published or accepted for publication in peer-reviewed journals	first author – 6 points co-author – 2 points
• Publications with MNiSW scoring in other peer-reviewed journals that have been published or accepted for publication	first author – 3 points co-authorship – 2 points
• Active participation (speaker/first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
• Active participation (speaker/first author) in a scientific congress/conference – in Poland, e.g. (poster, oral presentation)	0.5 points for each

confirmed by a certificate or conference abstract	
• Awards won at the conference (speaker/first author)	2 points for each
• Internships and work placements abroad (minimum 1 month)	1 point for each month
• Participation in scientific and research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points
• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - contractor	3 points
Activity in student organisations (min. 1 term)	1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. The remaining grades, starting with satisfactory, are positive grades.

Resolution No. 15/2020

of the Senate of the Pomeranian Medical University in Szczecin of 18 March 2020 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Pursuant to the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2020, item 85, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

1. The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year" are hereby established and constitute an appendix to this resolution.
2. The terms used in this Resolution shall have the following meanings:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

§2

Admission limits to the Doctoral School shall be determined by order of the Rector.

§ 3

The resolution shall enter into force on the date of its announcement.

Prof. Bogusław Machaliński, PhD
Rector of PUM
Chair of the Senate

Appendix
to Resolution No.
15/2020

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

GENERAL PROVISIONS

§1

In the 2020/2021 academic year, the Pomeranian Medical University in Szczecin will conduct recruitment to the Doctoral School in the field of medical sciences and health sciences, in the following disciplines:

1) medical sciences,
2) health sciences.

Admission procedure rules

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not doctoral students at another doctoral school.
2. Foreigners who are proficient in Polish at a level of at least B2 may apply for admission to the Doctoral School.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.
3. The candidate is obliged to comply with the deadlines of the recruitment process and to regularly check the Doctoral School's website.
4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates of the documents required in the recruitment process,
2) verification of documents submitted by candidates,

3) qualification procedure,
4) determination of the results of the recruitment process,
5) entry on the list of doctoral students or issuance of a decision refusing admission to the Doctoral School.

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in paragraph 2, to the Doctoral School Office within the specified time limit. A template of the application form is provided in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) research project (in 2 copies) meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) the original or a copy of the diploma of completion of uniform master's studies,
      b) the original or a copy of the diploma of completion of first-cycle and second-cycle studies,
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent,
   3) documented academic results during studies – a certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,
   4) documented information on academic achievements,
   5) documented activity in student organisations,
   6) a certificate confirming knowledge of an additional modern foreign language at a level of at least B2 – if the candidate has such a certificate,
   7) candidate's personal questionnaire – template available on the Doctoral School website,
   8) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view),
   9) if the candidate has a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (Journal of Laws of 2018, item 511) – a copy of this certificate,
   10) a statement by the candidate confirming whether or not they are enrolled in doctoral studies; if enrolled in doctoral studies, the candidate must specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project.

3. In the case of submitting certificates of completion of studies referred to in section 2(2)(c), the candidate is required to submit a diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
4. A candidate holding a diploma of completion of studies abroad, which, in accordance with the provisions of the Act, confirms that they have completed second-cycle studies or uniform master's studies in the Republic of Poland, or a diploma which has been recognised as equivalent to a Polish second-cycle degree or a uniform master's degree and a professional title, is required to submit:
   1) a diploma legalised or bearing an apostille clause, or
   2) a certificate of recognition, through a nostrification procedure, of the equivalence of the diploma with the relevant Polish diploma and professional title.
5. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
6. In the case of documents referred to in section 2(2), an employee of the Doctoral School Office may certify the above-mentioned documents as true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:
   1) a justification for the choice of the research project topic, indicating the latest scientific literature in the selected field,
   2) a definition of its objective,
   3) a description of the material and methods,
   4) a preliminary cost estimate for the project,
   5) expected benefits of the research,
   6) consent of the heads of units to carry out the research project in a given unit,
   7) approval of the potential supervisor,
   8) the candidate's signature.
2. It is not permitted to carry out a research project on the same topic as part of doctoral studies and the Doctoral School.
3. The candidate selects a potential supervisor from among the academic staff employed at the University. The candidate may use the suggestions of supervisors listed in the list of potential supervisors, published on the Doctoral School's website. It is not permitted to provide academic supervision to the same doctoral student in the Doctoral School and in doctoral studies.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the qualification procedure.

Chapter 3 Selection procedure

§10

1. The qualification procedure consists of the following stages:
   1) an examination in a modern language,
   2) evaluation of the research project,
   3) interview.

§11

1. The qualifying examination in a modern foreign language is conducted in written form:
   1) in one of two languages: English or German – in the case of Polish citizens, subject to paragraph 2,
   2) in Polish – in the case of foreigners.
2. A candidate who is a Polish citizen and also holds the citizenship of another country shall choose one of the languages listed in paragraph 1(1), provided that the chosen language is not the official language of the country of which the candidate is a citizen.
3. The qualifying examination in a modern foreign language is conducted by the PUM Practical Foreign Language Learning Centre. The examination is conducted by foreign language teachers appointed by the head of the SPNJO. The results of the examination are approved by the head of the SPNJO and forwarded to the Doctoral School Office in the form of reports.
4. Failure to appear for the modern foreign language exam on the appointed date or receiving a failing grade disqualifies the candidate from further stages of the recruitment process.

§12

1. The research project is assessed in terms of:
   1) the relevance of the topic to the research issues,
   2) definition of the research objective,
   3) selection and description of research material and methods,
   4) assessment of the expected benefits of the research,
   5) the innovative aspect of the research,

6) the research implementation potential,
7) selection of literature and relevance of publications,
8) the stylistic and grammatical correctness of the text.

2. The assessment is carried out by a reviewer appointed by the director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. The Doctoral School Office notifies the candidate of the date of the interview.

§13

1. The interview is conducted by a selection committee appointed by the rector in a given discipline.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree, representing the scientific discipline relevant to the research project topic.
3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§14

1. The subject matter of the interview is consistent with the subject area of the research project and aims to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparedness to carry out the research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to appear for the interview on the appointed date will disqualify the candidate from the recruitment process.

§15

1. The candidate may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to be a language that is not the official language of the country of which the candidate is a citizen, nor the language taken in the examination referred to in §11.
3. Scientific achievements should be understood as: publications with IF scores that have been published in peer-reviewed journals, publications with MNISW scores published in other journals peer-reviewed, active participation in a national or international scientific conference, awards

awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.

4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§16

Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the grade from the modern foreign language exam,
2) the assessment of the research project,
3) the result of the interview,
4) the average grade for the entire period of study,
5) additional foreign language,
6) academic achievements,
7) activity in student organisations.

§17

The results obtained by the candidate in the qualification procedure are documented by the director of the Doctoral School in a report.

Chapter 4
Determination of the results of the recruitment procedure

§18

1. Based on the results of the selection procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the qualification procedure.
3. Obtaining the required number of points entitling a candidate to admission to the Doctoral School within the established limit of places is the basis for entry on the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl
5. Upon request, candidates are informed of the partial results of the admission procedure.

§19

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the established admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.

2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§20

1. If, after the recruitment process, the admission limit to the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates of the supplementary recruitment process shall be determined by the director of the Doctoral School. The provisions of §3 shall apply accordingly.

§21

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by – candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§22

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Chapter 5
Enrolment on the list of doctoral students; issuance of a decision to refuse admission to the Doctoral School

§23

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. Enrolment on the list of doctoral students is carried out by the director of the Doctoral School.

§24

A doctoral student may not be employed as an academic teacher, except in the cases specified in Article 209(10) of the Act.

§25

1. Refusal of admission to the Doctoral School is made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School is made by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Appendix
to Resolution No.
15/2020

Chapter 6

Admission of candidates to research projects funded by the National Science Centre under the PRELUDIUM BIS competition

§26

1. A candidate who has been selected through a competition for a doctoral student in a research project funded by the National Science Centre as part of the PRELUDIUM BIS competition may be admitted to the doctoral school outside the limit of places. Persons recruited in this manner become full-fledged doctoral students at the Doctoral School and follow the same programme of study as other doctoral students, or, in justified cases, may apply for an individual programme of study.
2. The candidate is required to submit the documents necessary to commence education at the doctoral school.
3. The provisions of §23 - §25 apply accordingly.

FINAL PROVISIONS

§ 27

1. Candidates for the Doctoral School who are persons with disabilities are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. The conditions for conducting the interview take into account the needs of candidates with disabilities.

§28

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector
of PUM
Chairman of the Senate

Appendix
to Resolution No.
15/2020

Appendix No.
1 to the Rules and Procedures for Admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Szczecin,.....

First name and surname:	
Postal address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the 2020/2021 academic year. The research project will be carried out in:

….…….....…….....

….…….....

(exact name of the PUM unit)

The proposed supervisor will be:

….....…….....……..…….....

(first name and surname)

Proposed topic of the doctoral dissertation:

…….....……

…….....……

…….....……..……

Consent of the proposed supervisor

I agree to provide academic supervision for the preparation of the doctoral thesis

…….....……

…….....……

…….....……..……

prepared by Ms/Mr

…….....……

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……

place and date *signature and stamp of the supervisor*

Provision of teaching hours

I can ensure that the above-mentioned candidate for the Doctoral School will be able to develop teaching hours in accordance with the current curriculum of the Doctoral School in:

…….....…….....

…….....

(exact name of the PUM unit)

…… ……

place and date *signature and stamp of the supervisor/unit manager*

SUBJECT RESEARCH RESEARCH is the thematic of the interview in the discipline of

□ medical sciences □ health sciences

As a modern foreign language for the entrance examination, **I choose**:

1) Polish citizen
   □ English □ German

2) foreign national
   □ Polish

I declare that I am not a doctoral student and am not applying to another doctoral school.

Disability certificate/degree of disability certificate/certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my signature.

…… ……

place and date *legible signature*

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15/2020

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (i.e. of 2020, Journal of Laws, item 85) and its consequences for the recruitment process to the Doctoral School (Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or researcher. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship is 40% of the monthly scholarship referred to in paragraph 4(2); 3) who is not entitled to a doctoral scholarship.)*

…… ……

place and date *legible signature*

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:

telephone number: .....

email address:.....

by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone or email address to establish and maintain communication.

I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of that consent before its withdrawal.

…… ……

place and date *legible signature*

Appendix to Resolution No. 15/2020

INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The controller of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer</td><td colspan="2">For all matters related to the processing of your personal data by us, you can contact the Data Protection Officer atiod@pum.edu.pl or by phone at 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal basis</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>To fulfil obligations arising from legal provisions related to the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>In order to comply with legal obligations related to conducting appeal proceedings – in the event of a request for reconsideration of a case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Preparation and sharing the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitating communication via email and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Internal administrative, analytical and statistical purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Data recipients</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed under the law;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the expiry of the limitation period for claims. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing and data portability. You also have the right to lodge a complaint with the supervisory authority responsible for compliance with personal data protection regulations.</td></tr>
</table>

	Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interest of the controller or in the public interest. Your personal data will no longer be processed for these purposes, unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or your data is necessary for the possible establishment, investigation or defence of claims. In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.
Information on the optional or mandatory nature of providing data	Providing personal data required by law is a statutory requirement, and failure to provide such data may result in the inability to participate in the recruitment process or the rejection of the recruitment application. The provision of data not required by law is voluntary.
Additional information	We will not transfer your data outside the EEA. We do not make decisions in an automated manner, i.e. based on automatic data analysis.

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I enclose with this application: *(delete as appropriate)**

No.	List of documents*	Receipt of documents by the candidate
1.	Original/copy of second-cycle degree diploma/ uniform master's degree studies / certificate issued by the dean's office confirming completion of second-cycle studies / uniform master's studies and obtaining the professional title of master / master of engineering / equivalent	
2.	Certificate of average grades for the period of first and second cycle studies / uniform master's studies (to two decimal places)	
3.	Research project reviewed by the proposed supervisor – 2 copies	
4.	Documents confirming academic achievements	
5.	Photocopy of a document confirming participation in scientific research projects/grants	
6.	Certificate of participation in internships and work placements abroad (minimum 1 month)	
7.	Document confirming activity in student organisations	
8.	Copy of a certificate confirming knowledge of an additional modern foreign language (minimum B2)	
9.	1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view)	
10.	Candidate's personal questionnaire	
11.	Candidate's statement on whether they are studying/not studying for a doctoral degree; if studying for a doctoral degree, please specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project	
12.	Certificate of disability / certificate of degree of disability / certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities	
13.	Consent to the processing of personal data for the purpose of facilitating communication with the Pomeranian Medical University in Szczecin.	
14.	Other documents:	

Documents – foreigner

15.	A diploma of completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018 – Law on Higher Education and Science, confirming in the Republic of Poland the completion of second-cycle studies or uniform master's studies /	

	recognised as equivalent to a Polish diploma of completion of second-cycle studies or uniform master's studies and the professional title of master, master of engineering or equivalent	
16.	Legalisation of a diploma of completion of studies abroad / apostille clause	
17.	Certificate of recognition, through nostrification proceedings, of the equivalence of a foreign degree with a Polish second-cycle degree / uniform master's degree and the professional title of master / master of engineering / equivalent	
18.	Certificate of average grades for the period of first and second cycle studies / uniform master's studies / for the period of studies completed abroad, recognised as equivalent to first and second cycle studies / uniform master's studies (to two decimal places)	
19.	Translation of documents into Polish, done by a sworn translator	

…… ……
place and date *legible signature*

I confirm receipt of the documents listed in the table above:

…… ……
place and date *signature and stamp of the employee Doctoral School Offices*

Appendix
to Resolution No.
15/2020

Appendix No.
2 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

LIST OF CERTIFICATES CONFIRMING KNOWLEDGE OF A MODERN FOREIGN LANGUAGE

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Diploma Intermédio de Português Língua Estrangeira (DIPLE) (B2), Diploma Avançado de Português Língua Estrangeira (DAPLE) (C1), Diploma Universitário de Português Língua Estrangeira (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency (PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),

h) Prøve i Dansk 3 (B2), Studieprøven (C1),
i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:
a) Educational Testing Service (ETS) – in particular the following certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,
b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),
c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level
Communicator, Expert level, Mastery level; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,
d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),
e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – level "Pass with Credit", level "Pass with Distinction",
f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular the following certificates: International English Language Testing System IELTS – above 6 points,
g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diplôme de Français Professionnel (DFP) Affaires C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) certificate (C1),
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Institute of Russian Language,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Philosophy Studia Academica Slovaca – Centre for Slovak as a Foreign Language,
s) Comenius University in Bratislava; Centre for Continuing Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular the following certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advance).

Appendix
to Resolution No.
15/2020
Appendix No.
3 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Assessment criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin
for the 2020/2021 academic year

BASIS FOR QUALIFICATION	
Grade from the modern foreign language exam the number of points corresponds to the assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5	min. 3 - max. 5 points
Research project from the list of available research areas – assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5 awarded grade x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 – max. 12 points
scope of knowledge in a given field of science	
degree of preparation for the implementation of a research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points
Additional foreign language	2 points
Points for documented scientific achievements:	
• IF publications published in peer-reviewed journals	first author – 6 points co-author – 4 points
• Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-author – 2 points
• Active participation (speaker/first author) in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
• Active participation (speaker/first author) in a scientific congress/conference – in Poland, e.g. (poster, oral presentation)	0.5 points for each

confirmed by a certificate or conference abstract	
• Awards won at scientific conferences	1 point for each
• Internships and work placements abroad	1 point for each month
• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points
• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - contractor	3 points
Activity in student organisations	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) more than good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. The remaining grades, starting with satisfactory, are positive grades.

Resolution No. 13/2021

of the Senate of the Pomeranian Medical University in Szczecin of 24 February 2021 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2021/2022 academic year

Pursuant to the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2020, item 85, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

1. The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2021/2022" are hereby established and constitute an appendix to this resolution.
2. The terms used in this Resolution shall have the following meanings:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

§2

Admission limits to the Doctoral School shall be determined by order of the Rector.

§ 3

The resolution shall enter into force on the date of its announcement.

Prof. Bogusław Machaliński, PhD, Rector of PUM
Chairman of the Senate

Appendix
to Resolution No.
13/2021

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

GENERAL PROVISIONS

§1

In the 2021/2022 academic year, the Pomeranian Medical University in Szczecin will conduct recruitment to the Doctoral School in the field of medical sciences and health sciences, in the following disciplines:

1) medical sciences,
2) health sciences.

Admission procedure rules

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not doctoral students at another doctoral school.
2. Foreigners who are proficient in Polish at a level of at least B2 may apply for admission to the Doctoral School.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.
3. Candidates are required to comply with the deadlines for the recruitment process and to regularly check the Doctoral School's website.
4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates of required in the recruitment process,
2) verification of documents submitted by candidates,
3) qualification procedure,
4) determination of the results of the recruitment process,
5) entry on the list of doctoral students or issuing a decision to refuse admission to the Doctoral School.

Appendix
to Resolution No.
13/2021

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in paragraph 2, to the Doctoral School Office within the specified time limit. A template of the application form is provided in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) a research project (in 2 copies) meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) the original or a copy of the diploma of completion of uniform master's studies,
      b) the original or a copy of the diploma of completion of first-cycle and second-cycle studies,
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent,
   3) documented academic results during studies – a certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,
   4) documented information on academic achievements,
   5) documented activity in student organisations,
   6) a certificate confirming knowledge of an additional modern foreign language at a minimum proficiency level of B2 – if the candidate has such a certificate,
   7) candidate's personal questionnaire – template available on the Doctoral School website,
   8) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view),
   9) if the candidate has a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (i.e. Journal of Laws of 2018, item 511) – a copy of this certificate,
   10) a statement by the candidate confirming whether or not they are enrolled in doctoral studies; if enrolled in doctoral studies, the candidate should specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project.
3. In the case of submitting certificates of completion of studies referred to in section 2(2)(c), the candidate is required to submit a diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
4. A candidate holding a diploma of completion of studies abroad, which, in accordance with the provisions of the Act, confirms that they have completed second-cycle studies or uniform master's studies in the Republic of Poland, or a diploma which has been recognised as equivalent to a Polish second-cycle degree or a uniform master's degree and a professional title, is required to submit:
   1) a diploma legalised or bearing an apostille clause, or

2) a certificate of recognition, through a nostrification procedure, of the equivalence of the diploma with the relevant Polish diploma and professional title.

5. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
6. In the case of documents referred to in section 2(2), an employee of the Doctoral School Office may certify the above-mentioned documents as true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:
   1) a justification for the choice of the research project topic, indicating the latest scientific literature in the selected field,
   2) a definition of its objective,
   3) description of materials and methods,
   4) preliminary cost estimate for project implementation,
   5) expected benefits of the research,
   6) consent of unit managers to carry out the research project in a given unit,
   7) approval of the potential supervisor,
   8) candidate's signature.
2. It is not permitted to apply to the PUM Doctoral School with a research project on the same topic that is being carried out as part of doctoral studies.
3. The candidate selects a potential supervisor from among the academic teachers employed at the University. The candidate may use the suggestions of supervisors listed in the list of potential supervisors, published on the Doctoral School's website. It is not permitted to provide academic supervision to the same doctoral student at the Doctoral School and in doctoral studies.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the qualification procedure.

Chapter 3 Selection procedure

§10

1. The selection procedure consists of the following stages:

1) an examination in a modern language,
2) evaluation of the research project,
3) interview.

§11

1. The qualifying examination in a modern foreign language is conducted in written form:
   1) in one of two languages: English or German – in the case of Polish citizens, subject to paragraph 2,
   2) in Polish – in the case of foreigners.
2. A candidate who is a Polish citizen and also holds the citizenship of another country shall choose one of the languages listed in paragraph 1(1), provided that the chosen language is not the official language of the country of which the candidate is a citizen.
3. The qualifying examination in a modern foreign language is conducted by the PUM Practical Foreign Language Learning Centre. The examination is conducted by foreign language teachers appointed by the head of the SPNJO. The results of the examination are approved by the head of the SPNJO and forwarded to the Doctoral School Office in the form of reports. The regulations for the modern foreign language examination are available on the SPNJO website.
4. Failure to appear for the modern foreign language exam on the appointed date or receiving a failing grade disqualifies the candidate from further stages of the recruitment process.

§12

1. The research project is assessed in terms of:
   1) the relevance of the topic to the research issues,
   2) definition of the research objective,
   3) selection and description of research material and methods,
   4) assessment of the expected benefits of the research,
   5) innovative aspect of the research,
   6) the feasibility of the research,
   7) selection of literature and relevance of publications,
   8) the stylistic and grammatical correctness of the text.
2. The assessment is carried out by a reviewer appointed by the director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. The Doctoral School Office shall notify the candidate of the date of the interview.

§13

1. The interview is conducted by a selection committee appointed by the rector in a given discipline.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree, representing the scientific discipline relevant to the research project topic.
3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§14

1. The subject matter of the interview shall be consistent with the subject area of the research project and shall aim to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparedness to carry out a research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to appear for the interview on the appointed date will disqualify the candidate from the recruitment process.

§15

1. The candidate may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to be a language that is not the official language of the country of which the candidate is a citizen, nor the language taken in the examination referred to in §11.
3. Scientific achievements should be understood as: publications with an IF score that have been published in peer-reviewed journals, publications with an MNISW score published in other peer-reviewed journals, active participation in a conference/national or international scientific conferences, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.
4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§16

Candidates are assessed in accordance with the Assessment Criteria for the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the assessment of the modern foreign language examination,
2) assessment of the research project,
3) the result of the interview,
4) the average grade for the entire period of study,
5) additional foreign language,
6) academic achievements,
7) activity in student organisations.

§17

The results obtained by the candidate in the qualification procedure are documented by the director of the Doctoral School in a report.

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to Resolution No.
13/2021

Chapter 4
Determination of the results of the recruitment process

§18

1. Based on the results of the selection procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the selection procedure.
3. Obtaining the required number of points, which entitles the candidate to be admitted to the Doctoral School within the established limit of places, is the basis for entry on the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl
5. Upon request, candidates are informed of the partial results of the admission procedure.

§19

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the established admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.
2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§20

1. If, after the recruitment process, the admission limit for the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates of the supplementary recruitment process shall be determined by the director of the Doctoral School. The provisions of §3 shall apply accordingly.

§21

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by – candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§22

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Appendix
to Resolution No.
13/2021

Chapter 5
Entry on the list of doctoral students; issuance of a decision refusing admission to the Doctoral School

§23

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. Enrolment on the list of doctoral students is carried out by the director of the Doctoral School.

§24

A doctoral student may not be employed as an academic teacher, except in the cases specified in Article 209(10) of the Act.

§25

1. Refusal of admission to the Doctoral School is made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School shall be issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Chapter 6
Admission of candidates to research projects funded by the National Science Centre under the PRELUDIUM BIS competition

§26

1. A candidate who has been selected through a competition for a doctoral student in a research project funded by the National Science Centre as part of the PRELUDIUM BIS competition may be admitted to the doctoral school outside the limit of places. Persons recruited in this manner become full-fledged doctoral students at the Doctoral School and follow the same programme of study as other doctoral students, or, in justified cases, may apply for an individual programme of study.
2. The candidate is required to submit the documents necessary to commence education at the doctoral school.
3. The provisions of §23 - §25 shall apply accordingly.

FINAL PROVISIONS

§ 27

1. Candidates for the Doctoral School who are persons with disabilities are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. The conditions for conducting the interview shall take into account the needs of candidates with disabilities.

§28

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix
to Resolution No.
13/2021

Appendix No.
1 to the Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2021/2022

Szczecin, ...

First name and surname:	
Postal address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral
School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the 2021/2022 academic year. The research project will be carried out at:
….…….....…….....
….…….....
(exact name of the PUM unit)

The proposed supervisor will be:
….....…….....……..…….....……..…….....
(first name and surname)

Proposed doctoral thesis topic:
…….....……
…….....……
…….....……..……
Consent of the proposed supervisor
I agree to provide academic supervision for the preparation of the doctoral thesis
…….....……
…….....……
…….....……..…….. prepared by Ms/Mr
…….....……

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……
place and date *signature and stamp of the supervisor*

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to Resolution No.
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Provision of teaching hours
I hereby confirm that the above-mentioned candidate for the Doctoral School will be able to complete teaching hours in accordance with the current curriculum of the Doctoral School in:
….…….....…….....
….…….....
(exact name of the PUM unit)

…… ……
place and date *signature and stamp of the supervisor/unit manager*

SUBJECT RESEARCH RESEARCH is the thematic of the interview in the discipline of

□ medical sciences □ health sciences

As a modern foreign language for the qualifying examination, **I choose**:

1) Polish citizen
□ English □ German

2) foreign national
□ Polish

I declare that I am not a doctoral student at another doctoral school.

Disability certificate/certificate of disability degree/certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my signature.

…… ……
place and date *legible signature*

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (i.e. of 2020 Journal of Laws, item 85) and its implications for the recruitment process to the Doctoral School (Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or research worker. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship is 40% of the monthly scholarship referred to in paragraph 4(2); 3) who is not entitled to a doctoral scholarship.)*

…… ……
place and date *legible signature*

Appendix
to Resolution No.
13/2021

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:
telephone number: .....

email address:.....
by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone number or email address to establish and conduct communication.
I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of processing based on consent before its withdrawal.

…… ……
place and date *legible signature*

Appendix
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INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as the GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The controller of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer</td><td colspan="2">For all matters related to the processing of your personal data by us, you can contact the Data Protection Officer at the following email address iod@pum.edu.pl or by telephone on 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal basis</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>In order to fulfil obligations arising from legal provisions related with conducting the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>In order to fulfil the obligations arising from legal provisions related to the conduct of appeal proceedings – in in the event of a request for reconsideration of a case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Preparation and sharing of the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitation of communication by the use of e-mail and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Article 6(1)(f) of the GDPR within the scope of the legitimate legitimate interest of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller legitimate interest of the controller</td></tr>
<tr><td>Internal purposes administrative, analytical and statistical purposes</td><td>Article 6(1)(f) of the GDPR within the scope of the controller's legitimate legitimate interest of the controller</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td>Data recipients</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed on the basis of legal provisions;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the claims become time-barred. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing and data portability. You also have the right to lodge a complaint with the supervisory authority responsible for compliance with personal data protection regulations.
Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interests of the controller or in the public interest. Your personal data will no longer be processed for these purposes, unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or</td></tr>
</table>

	your data is necessary for the establishment, exercise or defence of legal claims. In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.
Information on the optional or mandatory nature of providing data	Provision of personal data is required by law isa statutory requirement, and failure to provide them may result in the inability to participate in the recruitment process or rejection of the recruitment application. The provision of data not required by law is voluntary.
Additional information	We will not transfer your data outside the EEA. We do not make decisions in automated method, i.e. based on automatic data analysis.

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I enclose with this application: *(delete as appropriate)**

No.	List of documents*	Receipt of documents by the candidate
1.	Original/copy of second-cycle degree diploma/ uniform master's degree studies / certificate issued by the dean's office confirming completion of second-cycle studies / uniform master's degree studies and obtaining the professional title of master / master of engineering / equivalent	
2.	Certificate of average grades for the period of first-cycle and second-cycle studies / uniform master's studies (to two decimal places)	
3.	Research project reviewed by the proposed supervisor – 2 copies	
4.	Documents confirming academic achievements	
5.	Photocopy of a document confirming participation in scientific research projects research projects/grants	
6.	Certificate of participation in internships and work placements abroad (min. 1 month)	
7.	Document confirming activity in student organisations	
8.	Copy of a certificate confirming knowledge of an additional modern foreign language (minimum B2)	
9.	1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for identity card photographs (front view)	
10.	Candidate's personal questionnaire	
11.	Candidate's statement on whether they are studying/not studying for a doctoral degree; if studying for a doctoral degree, please specify the scientific discipline in which the project is being carried out, the topic and the name of the academic supervisor/promoter of the project	
12.	Disability certificate / disability degree certificate / certificate referred to in Articles 5 and 62 of the Act of of 27 August 1997 o rehabilitation vocational and social rehabilitation and employment of persons with disabilities	
13.	Consent to the processing of personal data in order to facilitate communication with the Pomeranian Medical University in Szczecin.	
14.	Other documents:	

Documents – foreigner

15.	Diploma of completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018 – Law on Higher Education and Science, confirming in the Republic of Poland the possession of education at the level of second-cycle studies or uniform master's studies / recognised as equivalent to the Polish diploma of completion of or uniform master's studies and the professional title of master, master engineer or equivalent	
16.	Legalisation of a diploma of completion of studies abroad / apostille clause	

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17.	Certificate of recognition, through nostrification proceedings, of the equivalence of a diploma of completion of studies abroad with a Polish diploma of completion of second-cycle studies / uniform master's studies and the professional title of master's degree / master's degree in engineering / equivalent	
18.	Certificate of average grades for the period of first-cycle and second-cycle studies / uniform master's studies / for the period of studies completed abroad, recognised as equivalent to first-cycle and second-cycle studies / uniform master's studies (to two decimal places)	
19.	Translation of documents into Polish, performed by a sworn translator sworn translator	

…… ……
place and date *legible signature*

I confirm receipt of the documents listed in the table above:

…… ……
place and date *signature and stamp of the employee Doctoral School Office*

Appendix
to Resolution No.
13/2021

Appendix No.
2 Rules and procedures for admission to the Doctoral School
at the Pomeranian Medical University in Szczecin
for the 2020/2021 academic year

LIST OF CERTIFICATES CONFIRMING KNOWLEDGE OF A MODERN FOREIGN LANGUAGE

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Intermediate Diploma in Portuguese as a Foreign Language (DIPLE) (B2), Advanced Diploma in Portuguese as a Foreign Language (DAPLE) (C1), University Diploma in Portuguese as a Foreign Language (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency (PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),
      h) Prøve i Dansk 3 (B2), Studieprøven (C1),

i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:
   a) Educational Testing Service (ETS) – in particular certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,
   b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),
   c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level
   Communicator, Expert, Mastery; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,
   d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),
   e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – level "Pass with Credit", level "Pass with Distinction",
   f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular the following certificates: International English Language Testing System IELTS – above 6 points,
   g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diploma in Professional French (DFP) Business C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) certificate (C1),
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Russian Language Institute,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Philosophy Studia Academica Slovaca – centre for Slovak as a foreign language,
s) Comenius University in Bratislava; Centre for Further Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advance).

Appendix
to Resolution No.
13/2021

Appendix No.
3 Rules and procedures for admission to the Doctoral School
at the Pomeranian Medical University in Szczecin
for the 2021/2022 academic year

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin
for the 2020/2021 academic year

BASIS FOR QUALIFICATION	
Grade from the modern foreign language exam the number of points corresponds to the assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5	min. 3 - max. 5 points
Research project from the list of available research areas – rating on a scale of: 2; 3; 3.5; 4; 4.5; 5 rating awarded x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory rating, **1 point** – satisfactory rating, **2 points** – good rating, **3 points** – very good rating	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparation for the implementation of a research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to the second decimal place decimal point)	max. 10 points
Additional foreign language	2 points
Points for documented scientific achievements:	
• Publications with IF that have been published in peer-reviewed journals	first author – 6 points co-author – 4 points
• Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points
• Active participation (first author) in a scientific congress/conference - foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
• Active participation (/first author) in a scientific congress/conference - in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	0.5 points for each
• Awards won at scientific conferences	1 point for each
• Internships and work placements abroad	1 point for each month

• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) – management	7 points
• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) – performer	3 points
Activity in student organisations	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. The remaining grades, starting with satisfactory, are positive grades.

BR.000.2.2022

Resolution No. 7/2022

of the Senate of the Pomeranian Medical University in Szczecin of 23 February 2022 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year

Pursuant to Article 200(2) of the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2021, item 478, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1

1. The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2022/2023" are hereby established and constitute an appendix to this resolution.
2. The terms used in this Resolution shall have the following meanings:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

§2

Admission limits to the Doctoral School shall be determined by order of the Rector.

§ 3

The resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD
Rector of PUM
Chairman of the Senate

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2022/2023

GENERAL PROVISIONS

§1

In the academic year 2022/2023, the Pomeranian Medical University in Szczecin will conduct recruitment to the Doctoral School in the field of medical sciences and health sciences, in the following disciplines:

1) medical sciences,
2) health sciences.

General rules of the recruitment process

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not doctoral students at another doctoral school.
2. Foreigners who are proficient in Polish at a level of at least B2 may apply for admission to the Doctoral School.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.
3. Candidates are required to comply with the deadlines for the recruitment process and to regularly check the Doctoral School's website.
4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates documents required in the recruitment process,
2) verification of documents submitted by candidates,
3) qualification procedure,
4) determination of the results of the recruitment process,
5) entry on the list of doctoral students or issuing a decision to refuse admission to the Doctoral School.

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in paragraph 2, to the Doctoral School Office within the specified time limit. A template of the application is provided in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) a research project (in 2 copies) meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) a photocopy of the diploma of completion of uniform master's studies (original for inspection)
      b) a photocopy of the diploma of completion of first-cycle and second-cycle studies (original for inspection)
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent,
   3) documented academic results during studies – certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,
   4) documented information on academic achievements,
   5) documented activity in student organisations,
   6) a certificate confirming knowledge of an additional modern foreign language at a level of at least B2 – if the candidate has such a certificate,
   7) candidate's personal questionnaire – template available on the Doctoral School website,
   8) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view),
   9) in the case of having a disability certificate or a certificate of the degree of disability or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (Journal of Laws of 2021, item 573) – a copy of this certificate,
   10) a statement by the candidate confirming whether or not they are enrolled in doctoral studies; if enrolled in doctoral studies, the candidate should specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project.
3. If certificates of completion of studies referred to in section 2(2)(c) are submitted, the candidate is required to submit the diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
4. A candidate holding a diploma of completion of studies abroad, which, in accordance with the provisions of the Act, confirms that they have completed second-cycle studies or uniform master's studies in the Republic of Poland, or a diploma that has been recognised as equivalent to a Polish diploma of completion of second-cycle studies

or uniform master's degree studies and a professional title, is required to submit:
1) a diploma legalised or bearing an apostille clause, or
2) a certificate of recognition, through a nostrification procedure, of the equivalence of the diploma with the relevant Polish diploma of completion of studies and professional title.

5. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
6. In the case of documents referred to in section 2(2), an employee of the Doctoral School Office may certify the above-mentioned documents as true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:
   1) justification for the choice of research topic, indicating the latest scientific literature in the selected field,
   2) definition of its objective,
   3) description of the material and methods,
   4) preliminary cost estimate for the project,
   5) expected benefits of the research,
   6) consent of the heads of units to carry out the research project in a given unit,
   7) approval of the potential supervisor,
   8) candidate's signature.
2. It is not permitted to apply to the PUM Doctoral School with a research project on the same subject that is being carried out as part of doctoral studies.
3. The candidate selects a potential supervisor from among the academic teachers employed at the University. The candidate may use the suggestions of supervisors listed in the list of potential supervisors, published on the Doctoral School's website. It is not permitted to provide academic supervision to the same doctoral student at the Doctoral School and in doctoral studies.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the selection procedure.

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Chapter 3
Qualification procedure

§10

1. The selection procedure consists of the following stages:
   1) a modern language examination,
   2) evaluation of a research project,
   3) interview.

§11

1. The modern foreign language examination is conducted in written form:
   1) in one of two languages: English or German – in the case of Polish citizens, subject to paragraph 2,
   2) in Polish – in the case of foreigners.
2. A candidate who is a Polish citizen and also holds the citizenship of another country shall choose one of the languages listed in paragraph 1(1), provided that the chosen language is not the official language of the country of which the candidate is a citizen.
3. The qualifying examination in a modern foreign language is conducted by the PUM Practical Foreign Language Learning Centre. The examination is conducted by foreign language teachers appointed by the head of the SPNJO. The results of the examination are approved by the head of the SPNJO and forwarded to the Doctoral School Office in the form of reports. The regulations for the modern foreign language examination are available on the SPNJO website.
4. Failure to appear for the modern foreign language exam on the appointed date or receiving a failing grade disqualifies the candidate from further stages of the recruitment process.

§12

1. The research project is assessed in terms of:
   1) the relevance of the topic to the research issues,
   2) definition of the research objective,
   3) selection and description of research material and methods,
   4) assessment of the expected benefits of the research,
   5) innovative aspect of the research,
   6) research implementation potential,
   7) selection of literature and relevance of publications,
   8) the stylistic and grammatical correctness of the text.
2. The assessment is carried out by a reviewer appointed by the director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. The Doctoral School Office shall notify the candidate of the date of the interview.

§13

1. The interview is conducted by a selection committee in a given discipline, appointed by the rector.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree, representing the scientific discipline relevant to the research project topic.

3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§14

1. The subject matter of the interview is consistent with the subject area of the research project and aims to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparation for the implementation of the research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to appear for the interview on the appointed date will disqualify the candidate from the recruitment process.

§15

1. The candidate may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to be a language that is not the official language of the country of which the candidate is a citizen, nor the language taken in the examination referred to in §11.
3. Scientific achievements should be understood as: publications with an IF score that have been published in peer-reviewed journals, publications with an MNISW score published in other peer-reviewed journals, active participation in a conference/national or international scientific conference, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.
4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§16

Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the result of the modern foreign language exam,
2) the assessment of the research project,
3) the result of the interview,
4) the average grade for the entire period of study,
5) additional foreign language,
6) academic achievements,
7) activity in student organisations.

§17

The results obtained by the candidate in the qualification procedure are documented by the director of the Doctoral School in a report.

Chapter 4
Determination of the results of the recruitment procedure

§18

1. Based on the results of the qualification procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the selection procedure.
3. Obtaining the required number of points entitling a candidate to admission to the Doctoral School within the established limit of places is the basis for entry on the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl.
5. Upon request, the candidate is informed of the partial results of the admission procedure.

§19

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the established admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.
2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§20

1. If, after the recruitment process, the admission limit for the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates for supplementary recruitment shall be determined by the Director of the Doctoral School. The provisions of §3 shall apply accordingly.

§21

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by by candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§22

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Chapter 5
Enrolment on the list of doctoral students.
Issuing a decision to refuse admission to the Doctoral School.

§23

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. Enrolment on the list of doctoral students is carried out by the director of the Doctoral School.

§24

A doctoral student may not be employed as an academic teacher, except in the cases specified in Article 209(10) of the Act.

§25

1. Refusal of admission to the Doctoral School shall be made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School shall be issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Chapter 6
Acceptance of candidates for research projects funded by the National Science Centre as part of the PRELUDIUM BIS competition

§26

1. A candidate who has been selected through a competition for a doctoral student in a research project funded by the National Science Centre as part of the PRELUDIUM BIS competition may be admitted to the doctoral school outside the limit of places. Persons recruited in this manner follow the same education programme as other doctoral students, or in justified cases may apply for an individual education programme.
2. Candidates are required to submit the documents necessary to enrol in the doctoral school.
3. Candidates who obtained a second-cycle degree or a uniform master's degree before 2015 are required to take the modern foreign language exam referred to in §11. A certificate confirming knowledge of a modern foreign language at a level of at least B2 exempts the candidate from
   the above-mentioned examination.
4. The provisions of §23 - §25 shall apply accordingly.

FINAL PROVISIONS

§ 27

1. Candidates for the Doctoral School who are persons with disabilities are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. The conditions for conducting the interview shall take into account the needs of candidates with disabilities.

§28

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Appendix No.
1 to the Rules and Procedures for Admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2022/2023

Szczecin,.....

First name and surname:	
Correspondence address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the academic year 2022/2023. The research project will be carried out in:

….....
….....
(exact name of the PUM unit)

The proposed supervisor will be:

….....
(first name and surname)

Proposed topic of the doctoral dissertation:

…….....……
…….....……
…….....……

Consent of the proposed supervisor

I agree to provide academic supervision for the preparation of the doctoral thesis

…….....……
…….....……
…….....……

prepared by Ms/Mr

…….....……

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……
place and date *signature and stamp of the supervisor*

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Provision of teaching hours

I can confirm that the above-mentioned candidate for the Doctoral School will be able to develop teaching classes in accordance with the current curriculum of the Doctoral School in:

……..……..…….....
……..……..…….....
(exact name of the PUM unit)

in accordance with the rector's order on professional internships at the Doctoral School of the Pomeranian Medical University in Szczecin.

…… ……
place and date *signature and stamp of the supervisor/head of the unit*

SUBJECT RESEARCH RESEARCH is the thematic of the interview in the discipline of

□ medical sciences □ health sciences

As a modern foreign language for the entrance examination, **I choose**:

1) Polish citizen
   □ English □ German

2) foreign national
   □ Polish

I declare that I am not a doctoral student at another doctoral school.

Disability certificate/degree of disability certificate/certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my signature.

…… ……
place and date *legible signature*

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (2021, item 478, as amended) and the resulting consequences for the recruitment process to the Doctoral School (Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or researcher. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship shall be 40% of the monthly scholarship referred to in paragraph 4(2); 3) who are not entitled to a doctoral scholarship.)*

…… ……
place and date *legible signature*

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:
telephone number: .....

email address:.....
by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone or email address to establish and maintain communication.
I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of that consent before its withdrawal.

…… ……
place and date *legible signature*

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The controller of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer</td><td colspan="2">For any matters related to the processing of your personal data by us, you may contact the Data Protection Officer atiod@pum.edu.pl or by telephone at 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal bases</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>Purpose in order to fulfil obligations arising from legal provisions related with the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>In order to fulfil obligations arising from legal provisions related to conducting appeal proceedings – in in the event of a request for reconsideration of the case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Preparation and sharing the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitating communication via email and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Internal administrative, analytical and statistical purposes</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Data recipients</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed under the law;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the expiry of the limitation period for claims. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing and data portability. You also have the right to lodge a complaint with a supervisory authority responsible for compliance with personal data protection regulations.
Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interest of the controller or in the public interest. Your personal data will no longer be processed for these purposes unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or</td></tr>
</table>

	your data is necessary for the establishment, exercise or defence of legal claims. In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.
Information on the optional or mandatory nature of providing data	Provision of personal data is required by law is a statutory requirement, and failure to provide them may result in the inability to participate in the recruitment process or rejection of the recruitment application. The provision of data not required by law is voluntary.
Additional information	We will not transfer your data outside the EEA. We do not make decisions in an automated manner, i.e. based on automatic data analysis.

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

I enclose with this application: *(delete as appropriate)**

No.	List of documents*	Receipt of documents by the candidate
1.	Original/copy of second-cycle degree diploma/ uniform master's degree studies / certificate issued by the dean's office confirming completion of second-cycle studies / uniform master's studies and obtaining the professional title of master / master engineer / equivalent	
2.	Certificate of average grades for the period of first and second cycle studies / uniform master's studies (to two decimal places)	
3.	Research project reviewed by the proposed supervisor – 2 copies	
4.	Documents confirming academic achievements	
5.	Photocopy of a document confirming participation in scientific research projects/grants	
6.	Certificate of participation in internships and work placements abroad (min. 1 month)	
7.	Document confirming activity in student organisations	
8.	Copy of a certificate confirming knowledge of an additional modern foreign language (minimum B2)	
9.	1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view)	
10.	Candidate's personal questionnaire	
11.	Candidate's statement on whether they are studying/not studying for a doctoral degree; if studying for a doctoral degree, please specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project	
12.	Certificate of disability / certificate of degree of disability / certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities	
13.	Consent to the processing of personal data for the purpose of facilitating communication with the Pomeranian Medical University in Szczecin.	
14.	Other documents:	

Documents – foreigner

15.	Diploma of completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018 – Law on Higher Education and Science, confirming in the Republic of Poland the possession of education at the level of second-cycle studies or uniform master's studies / recognised as equivalent to a Polish diploma of second-cycle studies or uniform master's studies and the professional title of master, master of engineering or equivalent	
16.	Legalisation of a diploma of completion of studies abroad / apostille clause	

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17.	Certificate of recognition, through nostrification proceedings, of the equivalence of a foreign degree with a Polish second-cycle degree / uniform master's degree and the professional title of master / master of engineering / equivalent	
18.	Certificate of average grades for the period of first and second cycle studies / uniform master's studies / for the period of studies completed abroad, recognised as equivalent to first and second cycle studies / uniform master's studies (to two decimal places)	
19.	Translation of documents into Polish, done by a sworn translator	

…… ……
place and date *legible signature*

I confirm receipt of the documents listed in the table above:

…… ……
place and date *signature and stamp of the employee Doctoral School Office*

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Appendix No.
2 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2022/2023

LIST OF CERTIFICATES CONFIRMING KNOWLEDGE OF A MODERN FOREIGN LANGUAGE

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Diploma Intermédio de Português Língua Estrangeira (DIPLE) (B2), Diploma Avançado de Português Língua Estrangeira (DAPLE) (C1), Diploma Universitário de Português Língua Estrangeira (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency (PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),
      h) Prøve i Dansk 3 (B2), Studieprøven (C1),

i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:
   a) Educational Testing Service (ETS) – in particular certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,
   b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),
   c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level
   Communicator, Expert, Mastery; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,
   d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),
   e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – level "Pass with Credit", level "Pass with Distinction",
   f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular the following certificates: International English Language Testing System IELTS – above 6 points,
   g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diploma in Professional French (DFP) Business C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) certificate (C1),
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Russian Language Institute,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Philosophy Studia Academica Slovaca – centre for Slovak as a foreign language,
s) Comenius University in Bratislava; Centre for Further Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advance).

Appendix
to Resolution No. 7/2020 of the PUM Senate of 23 February 2022.

Appendix No.
3 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year

BASIS FOR QUALIFICATION	
Grade from the modern foreign language exam the number of points corresponds to the assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5	min. 3 - max. 5 points
Research project from the list of available research areas – assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5 awarded score x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparation for the implementation of a research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points
Additional foreign language	2 points
Points for documented academic achievements:	
• Publications with IF that have been published in peer-reviewed journals	first author – 6 points co-author – 4 points
• Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points
• Active participation in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
• Active participation in a scientific conference/congress – in Poland Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	0.5 points for each
• Awards won at scientific conferences	1 point for each
• Internships and work placements abroad	1 point for each month

• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) – management	7 points
• Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) – performer	3 points
Activity in student organisations	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. All other grades, starting with satisfactory, are positive grades.

BR.000.2.2023

Resolution No. 6/2023

of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2023/2024 academic year

Pursuant to Article 200(2) of the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1.

The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024" are hereby established and constitute an appendix to this resolution.

§2.

The admission limits to the Doctoral School shall be determined by order of the Rector.

§3.

This resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD
Rector of PUM

Chairman of the Senate

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024

GENERAL PROVISIONS

§1

1. In the academic year 2023/2024, the Pomeranian Medical University in Szczecin will conduct recruitment for its Doctoral School in the field of medical sciences and health sciences, in the following disciplines:
   1) medical sciences,
   2) health sciences,
   3) pharmaceutical sciences.
2. The terms used in the Resolution mean:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

General rules of the recruitment procedure

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not doctoral students at another doctoral school.
2. Foreigners who are proficient in Polish at least at the B2 level, as documented by one of the following documents, may apply for admission to the Doctoral School:
   1) a certificate of proficiency in Polish confirming that they have passed a Polish language exam at B2 level, issued by the State Commission for the Certification of Proficiency in Polish as a Foreign Language,
   2) a diploma/supplement from a higher education institution, issued upon completion of education in Polish in the education system of the Republic of Poland.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.
3. Candidates are required to comply with the deadlines for the recruitment process and to regularly check the Doctoral School's website.

4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates of required in the recruitment process,
2) verification of documents submitted by candidates,
3) the selection process,
4) determining the results of the recruitment process,
5) entry on the list of doctoral students or issuing a decision to refuse admission to the Doctoral School.

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit to the Doctoral School Office, within the specified time limit, an application for admission to the Doctoral School together with the required attachments referred to in paragraph 2. The application form is specified in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) a research project (in 2 copies) meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) a photocopy of the diploma of completion of uniform master's studies (original for inspection)
      b) a photocopy of the diploma of completion of first-cycle and second-cycle studies (original for inspection)
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent,
   3) documented academic results during studies – a certificate of average grades (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,
   4) documented knowledge of a modern foreign language at a level of at least B2. A supplement to the diploma of completion of studies or a certificate (Appendix 2) is considered confirmation of knowledge of a modern foreign language.
   5) documented information on academic achievements,
   6) documented activity in student organisations,

7) a certificate confirming knowledge of an additional modern foreign language at a level of at least B2 – if the candidate has such a certificate,
8) candidate's personal questionnaire – template available on the Doctoral School website,
9) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view),
10) if the candidate has a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (Journal of Laws of 2021, item 573) – a copy of this certificate,
11) a statement by the candidate confirming whether or not they are enrolled in doctoral studies; if enrolled in doctoral studies, the candidate must specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project.

3. If certificates of completion of studies referred to in section 2(2)(c) are submitted, the candidate is required to submit the diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
4. Foreigners may undertake and complete education at the doctoral school on the basis of Article 323 of the Act and on the terms set out in these Admission Rules.
5. On the basis of a diploma confirming completion of studies abroad, a person whose diploma is recognised in Poland in accordance with the applicable regulations as equivalent to a Polish diploma of completion of uniform master's studies or second degree studies may be admitted to the Doctoral School. In the case of candidates whose diploma cannot be recognised as equivalent to the relevant Polish diploma and professional title on the basis of an international agreement specifying equivalence, nostrification of the diploma is required.
6. Documents drawn up in a foreign language must be submitted by the candidate together with their translation into Polish, made by a sworn translator.
7. In the case of documents referred to in section 2(2), an employee of the Doctoral School Office may certify that the above-mentioned documents are true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:
   1) a justification for the choice of the research project topic, indicating the latest scientific literature in the selected field,
   2) a definition of its objective,
   3) a description of the material and methods,
   4) a preliminary cost estimate for the project,
   5) expected benefits of the research,
   6) consent of the heads of units to carry out the research project in a given unit,
   7) approval of the potential supervisor,
   8) candidate's signature.
2. It is not permitted to apply to the PUM Doctoral School with a research project on the same subject that is being carried out as part of doctoral studies.
3. Candidates select a potential supervisor from among the academic staff employed at the University. Candidates may choose from the list of potential supervisors published on the Doctoral School's website. It is not permitted to supervise the same doctoral student at the Doctoral School and in doctoral studies.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the selection procedure.

Chapter 3
Selection process

§10

The admission procedure consists of the following stages:

1) evaluation of the research project by reviewers,
2) interview,

§11

1. The research project is evaluated in terms of:

1) the relevance of the topic to the research issue,
2) definition of the research objective,
3) selection and description of material and research methods,
4) assessment of the expected benefits of the research,
5) the innovative aspect of the research,
6) the feasibility of the research,
7) selection of literature and relevance of publications,
8) the stylistic and grammatical correctness of the text.

2. The assessment is carried out by a reviewer appointed by the director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. The Doctoral School Office notifies the candidate of the date of the interview.

§12

1. The interview is conducted by a selection committee in the field of medical sciences and health sciences, appointed by the rector.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree.

3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§13

1. The subject matter of the interview shall be consistent with the subject area of the research project and shall aim to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparation for the implementation of the research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to appear for the interview on the appointed date will disqualify the candidate from the recruitment process.

§14

1. Candidates may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to be a language that is not:
   a) the official language of the country of which the candidate is a citizen,
   b) referred to in §6(2)(4).
3. Scientific achievements should be understood as: publications with IF scores that have been published in peer-reviewed journals, publications with MNISW scores published in other journals peer-reviewed, active participation in a conference/national or international scientific conference, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.
4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§15

Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the evaluation of the research project,
2) the result of the interview,
3) the average grade for the entire period of study,
4) additional foreign language,
5) academic achievements,
6) activity in student organisations.

§16

The results obtained by the candidate in the qualification procedure are documented by the director of the Doctoral School in a report.

Chapter 4
Determination of the results of the recruitment procedure

§17

1. Based on the results of the qualification procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the selection procedure.
3. Obtaining the required number of points entitling a candidate to admission to the Doctoral School within the established limit of places is the basis for inclusion in the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl.
5. Upon request, the candidate is informed of the partial results of the admission procedure.

§18

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the established admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.
2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§19

1. If, after the recruitment process, the admission limit to the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates of the supplementary recruitment process shall be determined by the director of the Doctoral School. The provisions of §3 shall apply accordingly.

§20

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by – candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§21

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Chapter 5
Enrolment on the list of doctoral students. Issuing a decision to refuse admission to the Doctoral School.

§22

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. The Director of the Doctoral School shall enter doctoral students on the list.

§23

A doctoral student may not be employed as an academic teacher, except in cases specified in Article 209(10) of the Act.

§24

1. Refusal of admission to the Doctoral School shall be made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School shall be issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Chapter 6
Admission of candidates to research projects funded by the National Science Centre under the PRELUDIUM BIS competition

§25

1. A candidate who has been selected through a competition for a doctoral student in a research project funded by the National Science Centre as part of the PRELUDIUM BIS competition may be admitted to the doctoral school outside the limit of places. Persons recruited in this manner follow the same education programme as other doctoral students, or in justified cases may apply for an individual education programme.
2. Candidates are required to submit the documents necessary to commence education at the doctoral school.
3. The provisions of §23 - §25 apply accordingly.

FINAL PROVISIONS

§ 26

1. Candidates for the Doctoral School who are persons with disabilities are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. The conditions for conducting the interview take into account the needs of candidates with disabilities.

§27

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector of PUM
Chairman of the Senate

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

Appendix No.
1 to the Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024

Szczecin,.....

First name and surname:	
Postal address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the academic year 2023/2024. The research project will be carried out in:
…….....…….....
…….....…….....
…….....
(exact name of the PUM unit)

Proposed supervisor:
….....……..... .....……..... .....
(first name and surname)

Proposed topic of doctoral dissertation:
…….....……
…….....…….....
…….....……
…….....……..……

Consent of the proposed supervisor
I agree to provide academic supervision for the preparation of the above-mentioned doctoral dissertation.

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……
place and date *signature and stamp of the supervisor*

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

Provision of teaching hours

I hereby confirm that the above-mentioned candidate for the Doctoral School will be able to complete teaching hours in accordance with the current curriculum of the Doctoral School in:

…….....…….....

…….....

(exact name of the PUM unit)

in accordance with the rector's order on professional internships at the Doctoral School of the Pomeranian Medical University in Szczecin.

…… ……
place and date *signature and stamp of the supervisor/head of the unit*

RESEARCH PROJECT TOPIC constitutes the subject matter of the interview in the discipline of:

□ medical sciences □ health sciences □ pharmaceutical sciences

I declare that I am not a doctoral student at another doctoral school.

Decision on disability/decision on the degree of disability/decision referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my handwritten signature.

…… ……
place and date *legible signature*

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (2021, item 478, as amended) and the resulting consequences for the recruitment process to the Doctoral School (Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or researcher. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship shall be 40% of the monthly scholarship referred to in paragraph 4(2); 3) who are not entitled to a doctoral scholarship.)*

…… ……
place and date *legible signature*

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:
telephone number: .....

email address:.....
by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone or email address to establish and maintain communication.
I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of that consent before its withdrawal.

…… ……
place and date *legible signature*

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The controller of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer
Data</td><td colspan="2">For all matters related to the processing of your personal data by us, you can contact the Data Protection Officer at the email addressiod@pum.edu.pl or
by telephone on 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal bases</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>In purpose fulfil the obligations arising fromthe provisionslaw, related with the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>In order to comply with legal obligations related to with the appeal procedure – in the event of a request for reconsideration of the case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Compilation and publication of the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitation of communication by e-mail and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Art. 6(1)(f) of the GDPR within the scope of the legitimate interest of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the scope of the controller's legitimate interest</td></tr>
<tr><td>Internal administrative administrative, analytical and statistical</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td>Data recipients</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed on the basis of legal provisions;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the expiry of the limitation period for claims. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing, and data portability. You also have the right to lodge a complaint with a supervisory authority responsible for compliance with personal data protection regulations. Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interests of the controller or in the public interest. Your personal data will no longer be processed for these purposes unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or your data is necessary for the possible establishment, investigation or defence of claims.
In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.</td></tr>
<tr><td>Information about the optional nature or obligation to provide data</td><td colspan="2">Providing personal data required by law is a statutory requirement, and failure to provide such data may result in the inability to participate in the recruitment process or the rejection of your application. The provision of data not required by law is voluntary.</td></tr>
<tr><td>Additional informatio n</td><td colspan="2">We will not transfer your data outside the EEA. We do not make decisions in an automated manner, i.e. based on automatic data analysis.</td></tr>
</table>

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

I enclose with this application: *(delete as appropriate)**

List of documents*	**Receipt of documents by the candidate**
Original/copy of diploma of completion of second-cycle studies/uniform master's studies/certificate issued by the dean's office confirming completion of second-cycle studies/uniform master's studies and obtaining the professional title of master/master of engineering/equivalent	
Certificate of average grades for the period of first and second cycle studies / uniform master's studies (to two decimal places)	
Copy of the diploma supplement/certificate confirming knowledge of a modern foreign language (minimum B2)	
Research project reviewed by the proposed supervisor – 2 copies	
Documents confirming scientific achievements	
Photocopy of a document confirming participation in scientific research projects/grants	
Certificate of participation in internships and work placements abroad (min. 1 month)	
Document confirming activity in student organisations	
Copy of a certificate confirming knowledge of an additional modern foreign language (minimum B2)	
1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view)	
Candidate's personal questionnaire	
Candidate's statement on whether they are studying/not studying for a doctoral degree; if studying for a doctoral degree, please specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project	
Disability certificate / certificate of degree of disability / certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities	
Consent to the processing of personal data for the purpose of facilitating communication with the Pomeranian Medical University in Szczecin.	
Other documents:	

Documents – foreigner

Diploma of completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018 – Law on Higher Education and Science, confirming in the Republic of Poland the completion of second-cycle studies or uniform master's studies / recognised as equivalent to a Polish diploma of second-cycle studies or uniform studies master's degree and the professional title of master, master engineer or equivalent	
Certificate of recognition, through a nostrification procedure, of the equivalence of a foreign degree with a Polish second-cycle degree / uniform master's degree and the professional title of master / master engineer / equivalent	
Certificate of average grades for the period of first and second cycle studies / uniform master's studies / for the period of studies completed abroad, recognised as equivalent to first and second cycle studies / uniform master's studies (to two decimal places)	
Confirmation of knowledge of the Polish language at a level of at least B2.	
Translation of documents into Polish by a sworn translator	

……
place and date

……
legible signature

I confirm receipt of the documents listed in the table above:

……
place and date

……
signature and stamp of the employee Doctoral School Office

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

Appendix No.
2 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024

List of certificates
confirming knowledge of a modern foreign language at least at level B2

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Intermediate Diploma in Portuguese as a Foreign Language (DIPLE) (B2), Advanced Diploma in Portuguese as a Foreign Language (DAPLE) (C1), University Diploma in Portuguese as a Foreign Language (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency

(PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),

h) Prøve i Dansk 3 (B2), Studieprøven (C1),

i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:

a) Educational Testing Service (ETS) – in particular certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,

b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),

c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level

Communicator, Expert, Mastery; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,

d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),

e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – level "Pass with Credit", level "Pass with Distinction",

f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular certificates: International English Language Testing System IELTS – above 6 points,

g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français

Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diplôme de Français Professionnel (DFP) Affaires C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) (C1) certificate,
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Russian Language Institute,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Arts Studia Academica Slovaca – centre for Slovak as a foreign language,
s) Comenius University in Bratislava; Centre for Continuing Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular the following certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advanced).
5. Diplomas of completion:
   1) higher education in foreign languages or applied linguistics;
   2) foreign language teacher training college;
   3) National School of Public Administration.
6. A document issued abroad confirming the award of an academic degree or title, or a degree or title in the arts, shall be recognised in the language of instruction of the educational institution.

7. A document confirming completion of higher education or postgraduate studies abroad or in the Republic of Poland - the language of instruction is recognised if the language language of instruction was exclusively a foreign language.
8. A document issued abroad and recognised as equivalent to a secondary school leaving certificate - the language of instruction is recognised.
9. International Baccalaureate Diploma.
10. European Baccalaureate Diploma.
11. Certificate of passing a ministry exam in:
    1) the Ministry of Foreign Affairs;
    2) the office serving the minister responsible for the economy, the Ministry of Economic Cooperation with Foreign Countries, the Ministry of Foreign Trade and the Ministry of Foreign Trade and Maritime Economy;
    3) Ministry of National Defence - level 3333, level 4444 according to STANAG 6001.
12. Certificate issued by the National School of Public Administration confirming qualifications to work in a high-level government position.
13. A document confirming entry on the list of sworn translators in the Republic of Poland or a document confirming the status of sworn translator in another Member State of the European Union, a member state of the European Free Trade Association (EFTA) which is a party to the Agreement on the European Economic Area, or in the Swiss Confederation.
14. First-cycle degree diploma if it confirms knowledge of a modern foreign language at a level of at least B2.

Appendix
to Resolution No. 6/2023 of the PUM Senate of 1 March 2023.

Appendix No.
3 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024

BASIS FOR QUALIFICATION	
Research project from the list of available research areas – assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5 awarded score x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparedness for the implementation of the research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points
Additional foreign language	5 points
Points for documented academic achievements:	
– IF publications published in peer-reviewed journals	first author – 6 points co-author – 4 points
– Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points
– Active participation in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
– Active participation in a scientific conference/congress in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	0.5 points for each
– Awards won at scientific conferences	1 point for each
– Internships and work placements abroad	1 point for each month
– Participation in scientific and research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points
– Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - contractor	3 points
Activity in student organisations, research clubs	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. All other grades, starting with satisfactory, are positive grades.

Resolution No. 12/2024

of the Senate of the Pomeranian Medical University in Szczecin of 28 March 2024 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2024/2025 academic year

Pursuant to Article 200(2) of the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1.

The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025" are hereby established and constitute an appendix to this resolution.

§2.

The admission limits to the Doctoral School shall be determined by order of the Rector.

§3.

This resolution shall enter into force on the date of its adoption.

Prof. Bogusław Machaliński, PhD
Rector of PUM

Chairman of the Senate

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025

GENERAL PROVISIONS

§1

1. In the academic year 2024/2025, the Pomeranian Medical University in Szczecin will conduct recruitment for its Doctoral School in the field of medical sciences and health sciences, in the following disciplines:
   1) medical sciences,
   2) health sciences,
   3) pharmaceutical sciences.
2. The terms used in the Resolution mean:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Doctoral School Office – an administrative unit providing administrative services for the Doctoral School;
   5) candidate – a person applying for admission to the Doctoral School;
   6) Act – the Act of 20 July 2018 – Law on Higher Education and Science.

General rules of the recruitment procedure

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent;
   2) are not doctoral students at another doctoral school.
2. Foreigners who are proficient in Polish at least at the B2 level, as documented by one of the following documents, may apply for admission to the Doctoral School:
   1) a certificate of proficiency in Polish confirming that they have passed a Polish language exam at B2 level, issued by the State Commission for the Certification of Proficiency in Polish as a Foreign Language,
   2) a diploma/supplement from a higher education institution, issued upon completion of education in Polish in the education system of the Republic of Poland.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competition. The results of the competition are public.
2. Candidates may apply for one place in the competition by submitting one research project.
3. Candidates are required to comply with the deadlines for the recruitment process and to regularly check the Doctoral School's website.

4. Provided that the candidate gives their prior consent, correspondence in the recruitment process is also conducted by e-mail, in particular with regard to sending notifications and other information addressed to a specific candidate. Candidates are required to provide an e-mail address for correspondence and to monitor their e-mail on an ongoing basis.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) submission by candidates of required in the recruitment process,
2) verification of documents submitted by candidates,
3) the selection process,
4) determining the results of the recruitment process,
5) entry on the list of doctoral students or issuing a decision to refuse admission to the Doctoral School.

RECRUITMENT PROCEDURE

Chapter 1
Submission of documents

§6

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in paragraph 2, to the Doctoral School Office within the specified time limit. A template of the application is provided in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in paragraph 1:
   1) a research project meeting the conditions referred to in §7;
   2) at least one of the following documents confirming the attainment of a second-cycle degree:
      a) a photocopy of the diploma of completion of uniform master's studies (original for inspection)
      b) a photocopy of the diploma of completion of first-cycle and second-cycle studies (original for inspection)
      c) a certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent,

      subject to paragraph 3;
   3) documented academic results during studies – diploma supplement or certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,
   4) documented knowledge of a modern foreign language at a minimum proficiency level of B2. A supplement to the diploma of completion of studies or a certificate (Appendix No. 2) is considered confirmation of knowledge of a modern foreign language,
   5) candidate's personal questionnaire – template available on the Doctoral School website,

6) 1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for an ID card photo (front view),
7) if you have a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (Journal of Laws of 2021, item 573) – a copy of this certificate,
8) a statement by the candidate confirming whether or not they are enrolled in doctoral studies; if enrolled in doctoral studies, please specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project,
9) a printout of the confirmation of payment of the application fee.

3. In the case of foreign nationals, the candidate shall submit a diploma meeting the requirements referred to in Article 326(1) and (2)(2) or Article 327(1) of the Act.
4. The application referred to in paragraph 1 may be accompanied by the following additional documents:
   1) documented information on academic achievements,
   2) documented activity in student organisations,
   3) a certificate confirming knowledge of an additional modern foreign language at a level of at least B2.
5. In the case of submitting certificates of completion of studies referred to in paragraph 2(2)(c), the candidate is required to submit a diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
6. Foreign candidates (persons who do not have Polish citizenship), in addition to meeting the admission requirements specified in these Rules, shall submit a statement confirming that they have health insurance within the meaning of the Act of 27 August 2004 on healthcare services financed from public funds, or confirmation that the insurer will cover the costs of medical treatment in the territory of the Republic of Poland, and, in the absence thereof, a commitment to obtain the above-mentioned insurance or confirmation of coverage of medical expenses for the period from the start of education to its completion.
7. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
8. In the case of documents referred to in section 2(2), an employee of the Doctoral School Office may certify the above-mentioned documents as true copies of the originals.

§7

1. The research project referred to in §6(2)(1) shall include:
   1) a justification for the choice of the research project topic, indicating the latest scientific literature in the selected field,
   2) a definition of its objective,
   3) a description of the material and methods,
   4) a preliminary cost estimate for the project,
   5) expected benefits of the research,
   6) consent of the heads of units to carry out the research project in a given unit,
   7) approval of the potential supervisor,
   8) candidate's signature.
2. It is not permitted to apply to the PUM Doctoral School with a research project on the same topic that is being carried out as part of doctoral studies.
3. The candidate selects a potential supervisor from among the academic teachers employed at the University. The candidate may choose from the list of supervisors

listed in the list of potential supervisors, published on the Doctoral School's website. It is not permitted to provide academic supervision to the same doctoral student at the Doctoral School and in doctoral studies.

§8

1. The documents referred to in §6 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Office – in the case of personal submission, or the date of posting at the post office – in the case of documents sent by post.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 2
Verification of documents, admission to the qualification procedure

§9

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the qualification procedure.
4. In order to withdraw from the recruitment process, the candidate shall submit a written statement addressed to the Chair of the Committee to the Doctoral School Office. The statement shall take effect upon delivery to the Doctoral School Office. If a statement is submitted, the recruitment process shall be discontinued in its entirety as irrelevant.

Chapter 3
Selection procedure

§10

The qualification procedure consists of the following stages:

1) evaluation of the research project by reviewers,
2) interview,

§11

1. The research project is evaluated in terms of:
1) the relevance of the topic to the research issue,
2) definition of the research objective,
3) selection and description of research material and methods,
4) assessment of the expected benefits of the research,
5) innovative aspect of the research,
6) the feasibility of the research,
7) selection of literature and relevance of publications,
8) the stylistic and grammatical correctness of the text.
2. The assessment is carried out by a reviewer appointed by the Director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. The Doctoral School Office shall notify the candidate of the date of the interview.

§12

1. The interview is conducted by a selection committee in the field of medical sciences and health sciences, appointed by the rector.
2. The selection committee consists of at least 4 people, including:
   1) the chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree.
3. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
4. Administrative support for the admissions committee is provided by the Doctoral School Office.

§13

1. The subject matter of the interview is consistent with the subject area of the research project and aims to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparation for the implementation of the research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. Failure to attend the interview on the appointed date will disqualify the candidate from the recruitment process.

§14

1. The candidate may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to mean a language that is not:
   a) official in the country of which the candidate is a citizen,
   b) referred to in §6(2)(4).
3. Scientific achievements should be understood as: publications with IF scores that have been published in peer-reviewed journals, publications with MNISW scores published in other journals peer-reviewed, active participation in a conference/national or international scientific conference, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.
4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§15

Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the evaluation of the research project,
2) the result of the interview,
3) the average grade for the entire period of study,
4) additional foreign language,
5) academic achievements,
6) activity in student organisations.

§16

The results obtained by the candidate in the qualification procedure are documented by the Director of the Doctoral School in a report.

Chapter 4
Determination of the results of the recruitment procedure

§17

1. Based on the results of the selection procedure, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the qualification procedure.
3. Obtaining the required number of points, which entitles the candidate to be admitted to the Doctoral School within the established limit of places, is the basis for entry on the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl.
5. Upon request, the candidate is informed of the partial results of the admission procedure.

§18

1. If the number of candidates who have obtained the same number of points in the recruitment procedure exceeds the established admission limit, admission to the Doctoral School shall be determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study shall be decisive.
2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§19

1. If, after the recruitment process, the admission limit for the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates of the supplementary recruitment process shall be determined by the Director of the Doctoral School. The provisions of §3 shall apply accordingly.

§20

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by – candidates who obtained the highest number of points in the qualification procedure but were not admitted to the Doctoral School due to a lack of places.

§21

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this

obligation will result in exclusion from participation in classes at the Doctoral School.

Chapter 5
Enrolment on the list of doctoral students. Issuing a decision to refuse admission to the Doctoral School.

§22

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. The Director of the Doctoral School shall enter doctoral students on the list.

§23

1. Refusal of admission to the Doctoral School shall be made by way of an administrative decision.
2. The decision to refuse admission to the Doctoral School is issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Chapter 6
Admission of candidates to research projects funded by the National Science Centre under the PRELUDIUM BIS competition

§24

1. A candidate who has been selected through a competition for a doctoral student in a research project funded by the National Science Centre as part of the PRELUDIUM BIS competition may be admitted to the Doctoral School outside the limit of places. Persons recruited in this manner follow the same programme of study as other doctoral students, or in justified cases may apply for an individual programme of study.
2. The candidate is required to submit the documents necessary to commence education at the doctoral school.
3. The provisions of §23 shall apply accordingly.

FINAL PROVISIONS

§ 25

1. Candidates for the Doctoral School who are persons with disabilities or special needs are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. A person with a disability or special needs may apply for the interview format to be adapted to their needs resulting from their disability, whereby the adapted format does not mean exemption from the interview, but is only intended to equalise opportunities.
3. A person with a disability or with special needs submits an application for adapting the form of the interview to their needs, together with a current disability certificate or a certificate confirming the relationship between their health condition and difficulties in participating in the interview, and the documents referred to in § 6.
4. The chair of the recruitment committee shall agree to conduct the interview in an adapted form after consulting the Office for Persons with Disabilities.

§26

All information and document templates applicable to the recruitment process are available on the Doctoral School's website.

Prof. Bogusław Machaliński, PhD Rector
of PUM
Chair of the Senate

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

Appendix No.
1 to the Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025

Szczecin,.....

First name and surname:	
Postal address:	
Personal identification number:	
Citizenship:	

To the Director of the Doctoral School of the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the academic year 2024/2025. The research project will be carried out in:

…….....……..... …….....……..... …….....

(exact name of the PUM unit)

Proposed supervisor:

….....…….....……..……..…….....

(first name and surname)

Proposed topic of doctoral dissertation:

…….....……

…….....……..…….....

…….....……

…….....……..……..……

Consent of the proposed supervisor

I agree to provide academic supervision for the preparation of the above-mentioned doctoral dissertation

At the same time, I declare that I have the funds to secure the completion of the above-mentioned doctoral dissertation.

…… ……

place and date *signature and stamp of the supervisor*

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

Provision of teaching hours

I hereby confirm that the above-mentioned candidate for the Doctoral School will be able to complete teaching hours in accordance with the current curriculum of the Doctoral School in:

…….....…….....

…….....

(exact name of the PUM unit)

in accordance with the rector's order on professional internships at the Doctoral School of the Pomeranian Medical University in Szczecin.

…… ……
place and date *signature and stamp of the supervisor/head of the unit*

RESEARCH PROJECT TOPIC constitutes the subject matter of the interview in the discipline of:

□ medical sciences □ health sciences □ pharmaceutical sciences

I declare that I am not a doctoral student at another doctoral school.

Decision on disability/decision on the degree of disability/decision referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities**:**

□ YES □ NO

I confirm the accuracy of the information contained in this application with my signature.

…… ……
place and date *legible signature*

I agree to receive information from the Pomeranian Medical University in Szczecin regarding the recruitment process for the Doctoral School and the course of study at the Doctoral School via the electronic means of communication indicated in this application, in accordance with the Act of 18 July 2002 on the provision of electronic services (i.e. Journal of Laws of 2019, item 123).

☐ I declare that I have been informed about the content of Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science (2021, item 478, as amended) and its implications for the recruitment process to the Doctoral School (Article 209(10) of the Act of 20 July 2018 – Law on Higher Education and Science: *A doctoral student may not be employed as an academic teacher or research worker. The prohibition does not apply to the employment of a doctoral student: 1) for the purpose of carrying out a research project referred to in Article 119(2)(2) and (3); 2) after a positive mid-term evaluation, provided that in the case of employment exceeding half of the full-time working hours, the amount of the scholarship is 40% of the monthly scholarship referred to in paragraph 4(2); 3) who is not entitled to a doctoral scholarship.)*

…… ……
place and date *legible signature*

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

CONSENT TO THE PROCESSING OF PERSONAL DATA FOR THE PURPOSE OF FACILITATING COMMUNICATION

I consent to the processing of my personal data in the form of my telephone number or email address:
telephone number: .....

email address:.....
by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purposes of:

1) facilitating communication with PUM

by using the telephone or email address to establish and conduct communication.
I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of processing based on consent before its withdrawal.

…… ……
place and date *legible signature*

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

INFORMATION CLAUSE

Below you will find the necessary information regarding the processing of your personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC, – hereinafter referred to as GDPR – in connection with participation in the recruitment process for the Doctoral School.

<table>
<tr><td>Identity of the data controller</td><td colspan="2">The controller of your personal data is the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin.</td></tr>
<tr><td>Contact details of the Data Protection Officer
Data</td><td colspan="2">For all matters related to the processing of your personal data by us, you can contact the Data Protection Officer at the email addressiod@pum.edu.pl or
by telephone on 914800790.</td></tr>
<tr><td rowspan="9">Purposes of processing and legal bases</td><td>Purpose of processing</td><td>Legal basis</td></tr>
<tr><td>In purpose fulfil the obligations arising fromthe provisionslaw, related with conducting the recruitment process</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>In order to comply with legal obligations related to with the conduct of appeal proceedings – in the event of a request for a review of the case examination of the case</td><td>Article 6(1)(c) and (e) of the GDPR Article 9(2)(g) of the GDPR</td></tr>
<tr><td>Preparation and disclosure of the ranking list</td><td>Article 6(1)(c) of the GDPR</td></tr>
<tr><td>Facilitation of communication by e-mail and telephone number</td><td>Article 6(1)(a) of the GDPR</td></tr>
<tr><td>Contact for organisational purposes</td><td>Art. 6(1)(f) of the GDPR within the scope of the legitimate interest of the controller</td></tr>
<tr><td>Investigation and defence against potential claims</td><td>Article 6(1)(f) of the GDPR within the framework of the legitimate interests of the controller</td></tr>
<tr><td>Internal administrative administrative, analytical and statistical</td><td>Article 6(1)(f) of the GDPR within the scope of the controller's legitimate interest legitimate interest of the controller</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td colspan="2"></td></tr>
<tr><td>Recipients of data</td><td colspan="2">Your personal data may be disclosed to the following categories of recipients:
1) entities to whom it must be disclosed on the basis of legal provisions;
2) entities with whom we cooperate in order to exercise our rights and fulfil our obligations (providing IT, legal, HR, accounting, courier and postal services);
3) entities conducting payment activities (banks, payment institutions);</td></tr>
<tr><td>Data retention period</td><td colspan="2">Your personal data will be processed until the end of the recruitment process. To the extent that your personal data is processed on the basis of consent, it will be processed until such consent is revoked or until it is determined that it is no longer valid. If you are not admitted to the programme, your data will be processed for the period necessary to complete the recruitment process. The period of personal data processing may be extended until the expiry of the limitation period for claims. If you are admitted to the programme, for the period required by law.
After the expiry of the last of these periods, your personal data will be deleted or anonymised by us.</td></tr>
<tr><td>Rights of data subjects</td><td colspan="2">In connection with our processing of your personal data, you may exercise the following rights: access to your data, rectification (correction) of data, erasure of data, restriction of processing, and data portability. You also have the right to lodge a complaint with a supervisory authority responsible for compliance with personal data protection regulations. Notwithstanding the above rights, you may object to the processing of data carried out in the legitimate interests of the controller or in the public interest. Your personal data will no longer be processed for these purposes, unless it is demonstrated that there are valid legal grounds for your data that override your interests, rights and freedoms, or your data is necessary for the possible establishment, investigation or defence of claims.
In order to ensure that you are entitled to exercise your rights, we may ask you to provide additional information to enable us to identify you.</td></tr>
<tr><td>Information about the optional nature or obligation to provide data</td><td colspan="2">Providing personal data required by law is a statutory requirement, and failure to provide such data may result in the inability to participate in the recruitment process or the rejection of your application. The provision of data not required by law is voluntary.</td></tr>
<tr><td>Additional informatio n</td><td colspan="2">We will not transfer your data outside the EEA. We do not make decisions in an automated manner, i.e. based on automatic data analysis.</td></tr>
</table>

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

I enclose with this application: *(delete as appropriate)**

List of documents*	**Tick the appropria te box**
Photocopy of a second-cycle degree certificate / uniform master's degree certificate / certificate issued by the dean's office confirming completion of second-cycle studies / uniform master's studies and obtaining the professional title of master / master of engineering / equivalent	
Certificate of average grades for the period of first-cycle and second-cycle studies / uniform master's studies (to two decimal places)	
Copy of diploma supplement	
Research project reviewed by the proposed supervisor	
Documents confirming scientific achievements	
Photocopy of a document confirming participation in scientific research projects/grants	
Certificate of participation in internships and work placements abroad (min. 1 month)	
Document confirming activity in student organisations	
Copy of a certificate confirming knowledge of a modern foreign language (minimum B2)	
1 photograph measuring 3.50 cm × 4.50 cm, in accordance with the requirements for ID card photographs (front view)	
Candidate's personal questionnaire	
Candidate's statement on whether they are studying/not studying for a doctoral degree; if studying for a doctoral degree, please specify the scientific discipline in which the project is being carried out, the topic and the name of the scientific supervisor/promoter of the project	
Disability certificate / certificate of degree of disability / certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities	
Consent to the processing of personal data for the purpose of facilitating communication with the Pomeranian Medical University in Szczecin.	
Other documents:	

Documents – foreigner

A photocopy of a diploma certifying completion of studies abroad, in accordance with the provisions of the Act of 20 July 2018. – Law on Higher Education and Science, confirming in the Republic of Poland the possession of a second-cycle degree or a uniform master's degree / recognised as equivalent to a Polish second-cycle degree or uniform master's studies and the professional title of master, master engineer or equivalent	
Photocopy of insurance policy / statement of insurance coverage	
Certificate of recognition, through a nostrification procedure, of the equivalence of a foreign degree with a Polish second-cycle degree / uniform master's degree studies and the professional title of master / master of engineering / equivalent	
Certificate of average grades for the period of first and second cycle studies / uniform studies master's degree / for studies completed abroad, recognised as equivalent to first and second cycle studies / uniform master's degree studies (up to two decimal places)	
Confirmation of knowledge of the Polish language at a level of at least B2.	
Translation of documents into Polish by a sworn translator	
Other documents:	

I confirm receipt of the documents listed in the table above:

……
place and date

……
signature and stamp of the employee
Doctoral School Office

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

Appendix No.
2 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025

List of certificates
confirming knowledge of a modern foreign language at least at level B2

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe Certificate C2 (Central Upper Secondary Examination) (ZOP), Small German Language Diploma (KDS) (C2), Large German Language Diploma (GDS) (C2), Goethe Certificate C2: Large German Language Diploma (GDS),
      d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),
      e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),
      f) Intermediate Diploma in Portuguese as a Foreign Language (DIPLE) (B2), Advanced Diploma in Portuguese as a Foreign Language (DAPLE) (C1), University Diploma in Portuguese as a Foreign Language (DUPLE) (C2),
      g) Nederlands als Vreemde Taal/Dutch as a Foreign Language (CNaVT) – Profiel Professionele Taalvaardigheid (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profiel Taalvaardigheid Hoger Onderwijs (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profiel Academische Taalvaardigheid (PAT) (C1)/Profile Academic Language Proficiency

(PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),

h) Prøve i Dansk 3 (B2), Studieprøven (C1),

i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:

a) Educational Testing Service (ETS) – in particular certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,

b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),

c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – level

Communicator, Expert, Mastery; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B level "Communicator", Stage C level "Expert", Stage C level "Mastery"; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,

d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular the following certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),

e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – level "Pass with Credit", level "Pass with Distinction",

f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular certificates: International English Language Testing System IELTS – above 6 points,

g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français

Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diplôme de Français Professionnel (DFP) Affaires C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) (C1) certificate,
i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,
j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),
k) German Rectors' Conference (HRK),
l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,
m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),
n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,
o) A. S. Pushkin State Russian Language Institute,
p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,
q) Charles University in Prague,
r) Comenius University in Bratislava; Faculty of Arts Studia Academica Slovaca – centre for Slovak as a foreign language,
s) Comenius University in Bratislava; Centre for Continuing Education; Institute for Language and Professional Training of Foreign Students,
t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular the following certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advanced).
5. Diplomas of completion:
   1) higher education in foreign languages or applied linguistics;
   2) foreign language teacher training college;
   3) National School of Public Administration.
6. A document issued abroad confirming the award of an academic degree or title, or a degree or title in the arts, shall be recognised in the language of instruction of the educational institution.

7. A document confirming completion of higher education or postgraduate studies abroad or in the Republic of Poland - the language of instruction is recognised if the language language of instruction was exclusively a foreign language.
8. A document issued abroad and recognised as equivalent to a secondary school leaving certificate - the language of instruction is recognised.
9. International Baccalaureate Diploma.
10. European Baccalaureate Diploma.
11. Certificate of passing a ministry exam in:
    1) the Ministry of Foreign Affairs;
    2) the office serving the minister responsible for the economy, the Ministry of Economic Cooperation with Foreign Countries, the Ministry of Foreign Trade and the Ministry of Foreign Trade and Maritime Economy;
    3) Ministry of National Defence - level 3333, level 4444 according to STANAG 6001.
12. Certificate issued by the National School of Public Administration confirming qualifications to work in a high-level government position.
13. A document confirming entry on the list of sworn translators in the Republic of Poland or a document confirming the status of sworn translator in another Member State of the European Union, a member state of the European Free Trade Association (EFTA) which is a party to the Agreement on the European Economic Area, or in the Swiss Confederation.
14. First-cycle degree diploma if it confirms knowledge of a modern foreign language at a level of at least B2.

Appendix
to Resolution No. 12/2024 of the PUM Senate of 28 February 2024.

Appendix No.
3 Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2024/2025

BASIS FOR QUALIFICATION	
Research project from the list of available research areas – assessment on a scale of: 2; 3; 3.5; 4; 4.5; 5 awarded score x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparedness for the implementation of the research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points
Additional foreign language	5 points
Points for documented academic achievements:	
– IF publications published in peer-reviewed journals	first author – 6 points co-author – 4 points
– Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points
– Active participation in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
– Active participation in a scientific conference/congress in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	0.5 points for each
– Awards won at scientific conferences	1 point for each
– Internships and work placements abroad	1 point for each month
– Participation in scientific and research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points
– Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - contractor	3 points
Activity in student organisations, research clubs	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

A negative grade is a failing grade. All other grades, starting from satisfactory, are positive grades.

Resolution No. 9/2025

of the Senate of the Pomeranian Medical University in Szczecin of 19 February 2025 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2025/2026 academic year

Pursuant to Article 200(2) of the Act of 20 July 2018 on Higher Education and Science (Journal of Laws of 2024, item 1571, as amended), the Senate of the Pomeranian Medical University in Szczecin hereby resolves as follows:

§1.

The "Rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2025/2026" are hereby established and constitute an appendix to this resolution.

§2.

The admission limits to the Doctoral School shall be determined by order of the Rector.

§3.

This resolution shall enter into force on the date of its adoption.

Prof. Leszek Domański, PhD Rector of PUM
Chairman of the Senate

Appendix
to Resolution No. 9/2025 of the PUM Senate of 19 February 2025.

Rules and procedures for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2025/2026

GENERAL PROVISIONS

§1

1. In the academic year 2025/2026, the Pomeranian Medical University in Szczecin will conduct recruitment to the Doctoral School in the field of medical sciences and health sciences, in the following disciplines:
   1) medical sciences,
   2) health sciences,
   3) pharmaceutical sciences.
2. The terms used in the Resolution shall have the following meanings:
   1) University – Pomeranian Medical University in Szczecin;
   2) unit – a scientific and teaching unit of the University;
   3) Doctoral School – an organised form of doctoral education run by the University in the following scientific disciplines: medical sciences, health sciences, pharmaceutical sciences, preparing students for a doctoral degree and ending with the submission of a doctoral dissertation;
   4) Director of the Doctoral School – a person appointed by the Rector to perform managerial functions related to the organisation and administration of doctoral education.
   5) Doctoral School Office – an administrative unit providing administrative services to the Doctoral School;
   6) candidate – a person applying for admission to the Doctoral School;
   7) Act – the Act of 20 July 2018 – Law on Higher Education and Science.
   8) electronic registration of a candidate – this should be understood as the candidate's electronic registration in the recruitment system referred to in point 9, on the recruitment form available on the candidate's personal electronic account;
   9) recruitment system – this should be understood as an electronic system launched by the University for the purpose of conducting the recruitment process

for a given academic year, in which the candidate has completed electronic candidate registration,

10) personal electronic account – this should be understood as the candidate's account, assigned by the University in the recruitment system for the duration of recruitment for a given academic year,

11) Doctoral School website – this should be understood as the website of the of the University intended for publishing information concerning the recruitment process for the Doctoral School and information for doctoral students of the University, referred to as: https://www.pum.edu.pl/po_studiach/szkola_doktorska/

General rules of the recruitment process

§2

1. A person may be admitted to the Doctoral School if they:
   1) hold a master's degree, master's degree in engineering or equivalent,
   2) in exceptional cases, justified by the highest quality of scientific achievements (§186, section 2 of the Act), a person who is a graduate of first-cycle studies or a student who has completed the third year of uniform master's studies, after successfully passing the recruitment process. The candidate referred to in this point is required to present their scientific achievements to date, including scientific publications with an IF>10.0 score (original works with first authorship),
   3) not be a doctoral student at another doctoral school.
2. Foreigners who are proficient in Polish at a level of at least B2, as documented by one of the following documents, may apply for admission to the Doctoral School:
   1) a certificate of proficiency in Polish confirming that they have passed a Polish language exam at level B2 issued by the State Commission for the Certification of Proficiency in Polish as a Foreign Language,
   2) diploma/supplement from a higher education institution, issued on completion of education in Polish in the education system of the Republic of Poland.

§3

The dates of the recruitment process, including the deadlines for specific activities, will be announced on the Doctoral School's website.

§4

1. Admission to the Doctoral School is based on a competitive selection process. The results of the competition are public.
2. Candidates may apply for one place by submitting one research project.
3. Candidates are required to comply with the deadlines of the recruitment process and to regularly check the Doctoral School's website.
4. Provided that the candidate gives their prior consent, correspondence in the recruitment process conducted is also via using electronic mail , in particular with regard to sending notifications and other information addressed to a specific candidate. The candidate is obliged to provide a valid e-mail address for correspondence and to regularly monitor their inbox, including SPAM folders.
5. During the recruitment process, the Doctoral School has the right to verify the candidate's identity.

§5

The recruitment process consists of the following stages:

1) electronic registration of the candidate in the recruitment system,
2) submission by candidates of required in the recruitment process,
3) verification of documents submitted by candidates,
4) the selection process,
5) determining the results of the recruitment process,
6) entry on the list of doctoral students or issuing a decision to refuse admission to the Doctoral School.

RECRUITMENT PROCEDURE

Chapter 1

Registration of candidates in the recruitment system

§6

1. Electronic registration of candidates for the Doctoral School takes place via the University's recruitment system.
2. Detailed procedures for electronic registration of candidates, including how to create a personal electronic account, complete the recruitment form and submit the required data, are described in the instructions available on the Doctoral School's website.
3. Failure to comply with the obligation to register electronically in the recruitment system within the specified time limit will result in the inability to participate in further stages of the recruitment process.
4. Candidates bear the consequences of incorrect electronic registration, failure to complete the application form or providing false information, which may result in exclusion from the recruitment process.
5. The University shall not be liable for any difficulties or inability to register or make changes to the electronic registration form for reasons beyond the University's control.

Chapter 2 Submission of documents

§7

1. An applicant for admission to the Doctoral School is required to submit an application for admission to the Doctoral School, together with the required attachments referred to in section 2, to the Doctoral School Office within the specified time limit. A template for the application is provided in Appendix 1 to these rules.
2. Applicants for admission to the Doctoral School are required to attach the following to the application referred to in section 1:
   1) a printed and signed application form from the electronic system,
   2) a research project meeting the conditions referred to in §8,
   3) at least one of the following documents confirming the attainment of a second-cycle degree:

a) a photocopy of the diploma of completion of uniform master's studies (original for inspection),

b) a photocopy of the diploma of completion of first-cycle and second-cycle studies (original for inspection),

c) the original certificate issued by the dean's office confirming completion of second-cycle studies or uniform master's studies and obtaining the professional title of master, master of engineering or equivalent, subject to paragraph 4,

4) documented academic results during studies – a photocopy of the diploma supplement (original for inspection) or the original certificate of grade point average (to two decimal places) for all years of study issued by the dean's office/dean's offices of the completed university,

5) documented knowledge of a modern foreign language at a level of at least B2. A diploma supplement or certificate (Appendix 2) is considered confirmation of knowledge of a modern foreign language,

6) in the case of a disability certificate or a certificate of disability degree or a certificate referred to in Articles 5 and 62 of the Act of 27 August 1997 on vocational and social rehabilitation and employment of persons with disabilities (i.e. Journal of Laws of 2024, item 44, as amended) – a copy of this certificate (original for inspection),

7) a printout of the confirmation of payment of the recruitment fee.

8) a photocopy of a document confirming the right to practise the profession. This applies to candidates who are graduates of medical faculties (original for inspection),

9) In the case of candidates recruited on the basis of §186, section 2 of the Act, as well as graduates of medical faculties who have completed a full cycle of studies but do not have a permanent right to practise their profession, it is required to attach a statement from the proposed supervisor confirming their direct involvement and supervision of the research conducted for the purposes of the doctoral dissertation. This supervision must be exercised throughout the entire period during which the doctoral student does not have a permanent right to practise the profession, until such time as this right is obtained, in particular in the case of clinical research involving patients.

3. In the case of foreign nationals, the candidate shall present a diploma meeting the requirements referred to in Article 326(1) and (2)(2) or Article 327(1) of the Act.
4. The application referred to in paragraph 1 may be accompanied by the following additional documents:
   1) documented information on scientific achievements,
   2) documented activity in student organisations,
   3) a certificate confirming knowledge of an additional modern foreign language at a level of at least B2.
5. In the case of submitting certificates of completion of studies referred to in paragraph 2(3)(c), the candidate is required to submit a diploma or a copy of the diploma of completion of studies to the Doctoral School Office immediately after receiving it.
6. Foreign applicants (persons who do not have Polish citizenship), in addition to meeting the admission requirements specified in these Rules, shall submit a statement confirming that they have health insurance within the meaning of the Act of 27 August 2004 on healthcare services financed from public funds, or confirmation that their insurer will cover the costs of medical treatment in the Republic of Poland, and, in the absence thereof, a commitment to obtain the above-mentioned insurance or confirmation of coverage of medical expenses for the period from the start of education to its completion.
7. Documents drawn up in a foreign language shall be submitted by the candidate together with their translation into Polish, made by a sworn translator.
8. In the case of documents referred to in section 2(3)(a) and (b), an employee of the Doctoral School Office may certify that the above-mentioned documents are true copies of the originals.

§8

1. The research project referred to in §7(2)(2) shall include:
   1) justification the choice the topic research research with indicating the latest scientific literature in the selected field,
   2) a definition of its objective,
   3) description of the material and methods,
   4) a preliminary cost estimate for the project,
   5) expected benefits of the research,
   6) written consent from the heads of the units for the implementation of the research project in a given unit,

7) approval of the proposed supervisor,

8) candidate's signature.

2. The candidate selects the proposed supervisor from among the academic teachers employed at the University. The candidate may use the proposals of supervisors listed on the Doctoral School's website.

§9

1. The documents referred to in §7 shall be submitted by candidates in person at the Doctoral School Office or sent by post to the address of the Doctoral School within the deadlines specified in §3. The deadline shall be understood as the date of receipt of the documents by the Doctoral School Office.
2. Applications for admission to the Doctoral School submitted after the deadline shall not be considered.

Chapter 3
Verification of documents, admission to the qualification procedure

§10

1. Documents submitted by candidates in the recruitment process are subject to formal verification.
2. The Director of the Doctoral School admits to the admission procedure a candidate who has passed the verification referred to in paragraph 1.
3. The Doctoral School Office shall notify the candidate of their admission or non-admission to the qualification procedure.
4. In order to withdraw from the admission procedure, the candidate shall submit a written statement addressed to the Chair of the Committee to the Doctoral School Office. The statement shall take effect upon delivery to the Doctoral School Office. If such a statement is submitted, the admission procedure shall be discontinued in its entirety as irrelevant.

Chapter 4 Selection procedure

§11

The admission procedure consists of the following stages:

1) evaluation of the research project by a reviewer,

2) interview,

§12

1. The research project is evaluated in terms of:
   1) the relevance of the topic to the research issue,
   2) definition of the research objective,
   3) selection and description of research material and methods,
   4) assessment of the expected benefits of the research,
   5) innovative aspect of the research,
   6) research implementation potential,
   7) selection of literature and relevance of publications,
   8) the stylistic and grammatical correctness of the text.
2. The assessment is carried out by a reviewer appointed by the Director of the Doctoral School.
3. A negative assessment of the research project disqualifies the candidate from further stages of the recruitment process.
4. In the event of a positive assessment of the research project, the Doctoral School Office shall notify the candidate of the date of the interview.

§13

1. The interview is conducted by a selection committee in the field of medical and health sciences, appointed by the rector.
2. The selection committee consists of at least 4 people, including:
   1) chairperson – Director of the Doctoral School,
   2) at least three academic teachers holding at least a postdoctoral degree.
3. If the Director of the Doctoral School is unable to participate in the recruitment process for the Doctoral School, the Director may appoint a deputy from among the members of the Doctoral School Council to act as chair of the recruitment committee during the recruitment process.
4. A doctoral student delegated by the relevant doctoral student self-government body may participate in the work of the selection committee as an observer.
5. Administrative support for the admissions committee is provided by the Doctoral School Office.

§14

1. The subject matter of the interview is consistent with the subject area of the research project and aims to assess:
   1) the candidate's general knowledge in a given field of science,
   2) the candidate's level of preparation for the implementation of the research project,
   3) the candidate's ability to present the project,
   4) the candidate's manner of conducting discussions and formulating opinions.
2. In order to participate in the interview, the candidate must appear in person at the designated time and place. Failure to attend the interview will disqualify the candidate from the selection process.
3. The dates of the interviews shall be announced in advance by the Director of the Doctoral School.

§15

1. The candidate may receive additional points for:
   1) knowledge of an additional modern foreign language at a level of at least B2, confirmed by a certificate from the list in Appendix 2,
   2) academic achievements,
   3) activity in student organisations.
2. An additional modern foreign language is understood to be a language that is not:
   1) the official language of the country of which the candidate is a citizen,
   2) referred to in §7(2)(5).
3. Scientific achievements should be understood as: publications with IF scores that have been published in peer-reviewed journals, publications with MNISW scores published in other peer-reviewed journals, active participation in a national or international scientific conference, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a leader in a national or international scientific conference, participation in internships and work placements abroad related to the field of study, participation as a leader in a national or international scientific conference, participation in internships and work placements abroad related to the field of study, participation as a leader in a national or international scientific conference, participation in internships and work placements abroad related to the field of study, participation as a leader in a national or international scientific conference, participation in internships and work placements abroad related to the field of study, participation as a leader in a national or international scientific conference, participation in internships and work placements abroad related to the field of study, participation as a leader in a national ornational or international scientific conferences, awards won at scientific conferences, participation in internships and work placements abroad related to the field of study, participation as a manager or performer in scientific and research projects financed from external funds.
4. For documented activity in student organisations, the candidate receives 1 point regardless of the number of activities.

§16

Candidates are assessed in accordance with the Assessment Criteria in the recruitment process, which constitute Appendix 3 to these Rules, based on:

1) the evaluation of the research project,
2) the result of the interview,
3) the average grade for the entire period of study,
4) additional foreign language,
5) academic achievements,
6) activity in student organisations.

§17

The results obtained by the candidate in the qualification procedure are documented by the Director of the Doctoral School in a report.

Chapter 5

Determination of the results of the recruitment procedure

§18

1. Based on the results of the selection process, a list of candidates is created in descending order of the number of points obtained, hereinafter referred to as the "ranking list".
2. The order of candidates on the ranking list is determined by the number of points obtained in the selection procedure.
3. Obtaining the required number of points entitling a candidate to admission to the Doctoral School within the established limit of places is the basis for inclusion in the list of doctoral students.
4. The results of the qualification procedure are announced in the University's Public Information Bulletin www.bip.pum.edu.pl.
5. Upon request, the candidate is informed of the partial results of the admission procedure.

§19

1. If the number of candidates who have obtained the same number of points in the recruitment process exceeds the set admission limit, admission to the Doctoral School

is determined by the higher number of points obtained for the research project. If these persons also obtain an equal number of points for the research project, the number of points obtained for the average grade for the entire period of study is decisive.

2. Subsequently, priority in admission shall be determined by: the number of points for scientific achievements, the number of points for an additional language, and the number of points for the interview.

§20

1. If, after the recruitment process, the admission limit to the Doctoral School is not exhausted, a supplementary recruitment process may be conducted.
2. The dates of the supplementary recruitment process shall be determined by the Director of the Doctoral School. The provisions of

   §3 shall apply accordingly.

§21

In the event that candidates who have been accepted to the Doctoral School decide not to enrol, the places vacated by them shall be filled, according to the ranking list, no later than before the start of the education cycle, by , candidates who obtained the highest number of points in the qualification procedure but were not qualified for admission to the Doctoral School due to a lack of places.

§22

Immediately after being qualified for admission to the Doctoral School, the candidate is required to submit to the Doctoral School Office a medical certificate stating that there are no contraindications to undertaking education at the Doctoral School – failure to comply with this obligation will result in exclusion from participation in classes at the Doctoral School.

Chapter 6

Enrolment on the list of doctoral students.
Issuing a decision refusing admission to the Doctoral School.

§23

1. Admission to the Doctoral School takes place by means of entry on the list of doctoral students.
2. Enrolment on the list of doctoral students is carried out by the Director of the Doctoral School.

§24

1. Refusal of admission to Doctoral Doctoral occurs by by administrative decision.
2. The decision to refuse admission to the Doctoral School is issued by the rector.
3. The decision referred to in paragraph 1 may be appealed for reconsideration.

Chapter 7
Admission of candidates to research projects financed from external sources, in which funds have been secured for doctoral scholarships

§25

1. Candidates who, as part of a research project carried out at the University and financed from external sources, have won a competition for the position of doctoral scholarship holder, provided that the doctoral scholarship of the doctoral scholarship holder will be financed from the research project funds.
2. The head of the externally funded research project shall conduct a competition to select candidate(s) for doctoral scholarships.
3. After the competition referred to in paragraph 2 has been decided, the project manager submits an application to the Director of the Doctoral School to start recruitment to the Doctoral School outside the limit of places. The application to start recruitment includes:
   1) the number of places in the project,
   2) information on the date by which the candidate is to obtain doctoral student status for the purposes of carrying out project tasks,
   3) a photocopy of the minutes of the competition procedure for the admission of a doctoral scholarship holder to the project,
   4) a cost estimate for the doctoral scholarship, which should secure its payment for the entire period of doctoral education at the Doctoral School required by law,

5) the Rector's consent to co-finance the doctoral scholarship by the University if the financing of the doctoral scholarship from the project does not provide for securing funds for the payment of the doctoral scholarship for the entire period of the doctoral student's education.

4. Within 14 days of the date of receipt of the application for the launch of recruitment by the Doctoral School Office, the Director of the Doctoral School shall launch recruitment under the out-of-limit admission procedure.
5. The recruitment procedure to the Doctoral School for candidates referred to in section 1 shall be conducted in accordance with the rules set out in these Rules, with the exception of §18-21.
6. Admission to the Doctoral School shall take place on the first day of the month following the end of the recruitment process.
7. A doctoral student may apply for an individual education programme at the Doctoral School in connection with the implementation of a project.

FINAL PROVISIONS

§ 26

1. Candidates for the Doctoral School who are persons with disabilities or special needs are subject to the recruitment rules set out in this resolution, subject to paragraph 2.
2. A person with a disability or special needs may apply for the interview format to be adapted to their needs resulting from their disability, whereby the adapted format does not mean exemption from the interview, but is only intended to equalise opportunities.
3. A person with a disability or special needs submits a request to adapt the form of the interview to their needs, together with a current disability certificate or a certificate confirming the relationship between their health condition and difficulties in participating in the interview, and the documents referred to in § 7.
4. The chair of the recruitment committee shall agree to conduct the interview in an adapted form after consulting the Office for Persons with Disabilities.

§27

All information and templates documents applicable in the recruitment process are available on the Doctoral School website.

Prof. Leszek Domański, PhD Rector of PUM
Chair of the Senate

Appendix No. 1
to the Rules and Procedures for Admission to the Doctoral School at the
Pomeranian Medical University in Szczecin
for the academic year 2025/2026

First name and surname:	
Address Postal address:	
Personal identification number:	
Nationality:	

APPLICATION

FOR ADMISSION TO THE DOCTORAL SCHOOL OF THE POMERANIAN MEDICAL UNIVERSITY IN SZCZECIN

Director of the Doctoral School of
the Pomeranian Medical University in Szczecin

I hereby request admission to the Doctoral School run by the Pomeranian Medical University in Szczecin for the academic year 2025/2026. The research project will be carried out at:

…….……..…….

……..……

(exact name of the PUM unit)

Proposed supervisor:

…..…….. (first name and surname)

Proposed topic of doctoral dissertation:

…….……..…….

……..……

……

…… **TOPIC**

RESEARCH PROJECT **RESEARCH**is the thematic of the interview in the discipline of

□ medical sciences □ health sciences □ pharmaceutical sciences

Consent of the proposed supervisor

I agree to act as supervisor for the preparation of the above-mentioned doctoral dissertation by Ms/Mr .....

I declare that, in consultation with the Head of the unit where the doctoral programme will be carried out, I will provide the necessary resources to ensure the completion of this thesis.

In the case of a doctoral student who does not have a permanent licence to practise, I undertake that all research within the framework of the doctoral programme that will be carried out with the participation of patients in clinical units will be conducted under my supervision until the doctoral student obtains a permanent licence to practise.

…… ……

(place and date) (signature and stamp of the proposed supervisor)

Consent of the Head of the Unit

I hereby consent to the completion by Ms/Mr .....
the above-mentioned doctoral dissertation in the unit I manage:

.....

(name of the unit) of the

Pomeranian Medical University in Szczecin.

I guarantee the fulfilment of all obligations arising from the education process, including:

- participation in compulsory classes,
- conducting scientific research necessary for the preparation of a doctoral dissertation.

....

(place and date) (legible signature and stamp of the Head of the unit)

Consent of the Head of the unit for the completion of professional internships

I hereby give my consent for Ms/Mr.....internship professional skills in the form of teaching classes at the unit I manage

.....

(name of the unit) of the

Pomeranian Medical University in Szczecin.

I declare that the doctoral student will have the opportunity to complete professional internships in full, as specified in the education programme.

....

(place and date) (legible signature and stamp of the Head of the unit)

I consent to the processing of my personal data in the scope of my telephone number or email address:

telephone number: .....

email address:.....

by the Pomeranian Medical University in Szczecin, ul. Rybacka 1, 70-204 Szczecin. - as the personal data controller (hereinafter: PUM) - for the purpose of facilitating communication with PUM by using the telephone number or email address to establish and conduct communication.

I acknowledge that I have the right to withdraw my consent to the processing of personal data at any time and that the withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of that consent before its withdrawal.

…… ……

(place and date) (legible signature)

I declare that I have read and understood the Rules and Procedures for Admission to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2025/2026.

I confirm the accuracy of the information contained in this application with my handwritten signature.

....

(place and date) (legible signature)

Appendix No. 2
Rules and procedures for admission to the Doctoral School at the
Pomeranian Medical University in Szczecin
for the academic year 2025/2026

List of certificates

confirming knowledge of a modern foreign language at least at level B2

1. Certificate confirming knowledge of a foreign language issued by the National School of Public Administration as a result of a linguistic assessment.
2. Certificates confirming knowledge of foreign languages at least at level B2 on the global language proficiency scale according to the Common European Framework of Reference for Languages: learning, teaching, assessment (CEFR) – European system for the description of language education: learning, teaching, assessment (ESOKJ):
   1) certificates issued by institutions affiliated with the Association of Language Testers in Europe (ALTE) – ALTE Level 3 (B2), ALTE Level 4 (C1), ALTE Level 5 (C2), in particular:
      a) First Certificate in English (FCE), Certificate in Advanced English (CAE), Certificate of Proficiency in English (CPE), Business English Certificate (BEC) Vantage – at least Pass, Business English Certificate (BEC) Higher, Certificate in English for International Business and Trade (CEIBT),
      b) Diplôme d'Étude en Langue Française (DELF) (B2), Diplôme Approfondi de Langue Française (DALF) (C1), Diplôme Approfondi de Langue Française (DALF) (C2); Test de Connaissance du Français (TCF), levels 4 (B2), 5 (C1), 6 (C2); Diplôme de Langue Française (DL) (B2), Diplôme Supérieur Langue et Culture Françaises (DSLCF), Diplôme Supérieur d'Etudes Françaises Modernes (DS) (C1), Diplôme de Hautes Études Françaises (DHEF) (C2),
      c) Test Deutsch als Fremdsprache (TestDaF); Zertifikat Deutsch für den Beruf (ZDfB) (B2), Goethe-Zertifikat B2, Goethe-Zertifikat C1, Zentrale Mittelstufenprüfung (ZMP) (C1), Goethe-Zertifikat C1 (Zentrale Mittelstufenprüfung) (ZMP), Zentrale Oberstufenprüfung (ZOP) (C2), Goethe-Zertifikat C2 (Zentrale Oberstufenprüfung) (ZOP), Kleines Deutsches Sprachdiplom (KDS) (C2), Grosses Deutsches Sprachdiplom

(GDS) (C2), Goethe Certificate C2: Grosses Deutsches Sprachdiplom (GDS),

d) Certificate of Knowledge of the Italian Language CELI 3 (B2), Certificate of Knowledge of the Italian Language CELI 4 (C1), Certificate of Knowledge of the Italian Language CELI 5 (C2); Italian Business Certificate CIC A (C1),

e) Diplomas in Spanish as a Foreign Language (DELE): Diploma in Spanish Level B2 (Intermediate), Diploma in Spanish Level C1, Diploma in Spanish Level C2 (Advanced),

f) Intermediate Diploma in Portuguese as a Foreign Language (DIPLE) (B2), Advanced Diploma in Portuguese as a Foreign Language (DAPLE) (C1), University Diploma in Portuguese as a Foreign Language (DUPLE) (C2),

g) Dutch as a Foreign Language (CNaVT) – Professional Language Proficiency Profile (PPT) (B2)/Profile Professional Language Proficiency (PPT) (B2), Profile Language Proficiency Higher Education (PTHO) (B2)/Profile Language Proficiency Higher Education (PTHO) (B2), Profile Academic Language Proficiency (PAT) (C1)/Profile Academic Language Proficiency (PAT) (C1); Nederlands als Tweede Taal II (NT2-II) (B2)/Dutch as a Second Language II (NT2-II) (B2),

h) Prøve i Dansk 3 (B2), Studieprøven (C1),

i) Certificate of Slovene on the Intermediate Level (B2), Certificate of Slovene on the Advanced Level (C1);

2) certificates from the following institutions:

a) Educational Testing Service (ETS) – in particular the following certificates: Test of English as a Foreign Language (TOEFL) – at least 87 points in the Internet-Based Test (iBT) version; Test of English as a Foreign Language (TOEFL) – at least 180 points in the Computer-Based Test (CBT) version, supplemented by at least 50 points from the Test of Spoken English (TSE); Test of English as a Foreign Language (TOEFL) – at least 510 points in the Paper-Based Test (PBT) version, supplemented by at least 3.5 points from the Test of Written English (TWE) and at least 50 points from the Test of Spoken English (TSE); Test of

English for International Communication (TOEIC) – at least 700 points; Test de Français International (TFI) – at least 605 points,

b) European Consortium for the Certificate of Attainment in Modern Languages (ECL),

c) City & Guilds, City & Guilds Pitman Qualifications, Pitman Qualifications Institute – in particular the following certificates: English for Speakers of Other Languages (ESOL) – First Class Pass at Intermediate Level, Higher Intermediate Level, Advanced Level; International English for Speakers of Other Languages (IESOL) – "Communicator" level, "Expert" level, "Mastery" level; City & Guilds Level 1 Certificate in ESOL International (reading, writing and listening) Communicator (B2) 500/1765/2; City & Guilds Level 2 Certificate in ESOL International (reading, writing and listening) Expert (C1) 500/1766/4; City & Guilds Level 3 Certificate in ESOL International (reading, writing and listening) Mastery (C2) 500/1767/6; Spoken English Test (SET) for Business – Stage B
Communicator, Stage C Expert level, Stage C Mastery level; English for Business Communications (EBC) – Level 2, Level 3; English for Office Skills (EOS) – Level 2,

d) Edexcel, Pearson Language Tests, Pearson Language Assessments – in particular certificates: London Tests of English, Level 3 (Edexcel Level 1 Certificate in ESOL International); London Tests of English, Level 4 (Edexcel Level 2 Certificate in ESOL International); London Tests of English, Level 5 (Edexcel Level 3 Certificate in ESOL International),

e) Education Development International (EDI), London Chamber of Commerce and Industry Examinations Board – in particular certificates: London Chamber of Commerce and Industry Examinations (LCCI) – English for Business Level 2, English for Business Level 3, English for Business Level 4; London Chamber of Commerce and Industry Examinations (LCCI) – Foundation Certificate for Teachers of Business English (FTBE); London Chamber of Commerce and Industry Examinations (LCCI) – English for Tourism Level 2 – Pass with Credit, Pass with Distinction,

f) University of Cambridge ESOL Examinations, British Council, IDP IELTS Australia – in particular the following certificates: International English Language Testing System IELTS – above 6 points,

g) Chambre de commerce et d'industrie de Paris (CCIP) – in particular certificates: Diplôme de Français des Affaires 1er degré (DFA 1) (B2), Diplôme de Français Professionnel (DFP) Affaires B2, Diplôme de Français des Daffaires 2ème degré (DFA 2) (C1), Diplôme de Français Professionnel (DFP) Affaires C1,

h) Goethe-Institut, Deutscher Industrie und Handelskammertag (DIHK), Carl Duisberg Centren (CDC) – in particular the Prüfung Wirtschaftsdeutsch International (PWD) certificate (C1),

i) Kultusministerkonferenz (KMK) – in particular the Deutsches Sprachdiplom II der Kultusministerkonferenz der Länder – KMK (B2/C1) certificate,

j) Österreich Institut, Prüfungszentren des Österreichischen Sprachdiploms für Deutsch (ÖSD) – in particular the certificates: Österreichisches Sprachdiplom für Deutsch als Fremdsprache (ÖSD) – B2 Mittelstufe Deutsch, Mittelstufe Deutsch (C1), C1 Oberstufe, Wirtschaftssprache Deutsch (C2),

k) German Rectors' Conference (HRK),

l) Società Dante Alighieri – in particular certificates: PLIDA B2, PLIDA C1, PLIDA C2,

m) Università degli Studi Roma Tre – in particular certificates: Int.It (B2), IT (C2),

n) Università per Stranieri di Siena – in particular certificates: Certificazione d'Italiano come Lingua Straniera CILS Due B2, Certificazione d'Italiano come Lingua Straniera CILS Tre C1, Certificazione d'Italiano come Lingua Straniera CILS Quattro C2,

o) A. S. Pushkin State Russian Language Institute,

p) Institute for Romanian Language, the Romanian Ministry of Education, Research and Innovation,

q) Charles University in Prague,

r) Comenius University in Bratislava; Faculty of Arts Studia Academica Slovaca – centre for Slovak as a foreign language,

s) Comenius University in Bratislava; Centre for Continuing Education; Institute for Language and Professional Training of Foreign Students,

t) Coordinating Council for Language Proficiency Certification at the University of Warsaw;

3) telc GmbH, WBT Weiterbildungs-Testsysteme GmbH – in particular the following certificates: B2 Certificate in English – advantage, B2 Certificate in English for Business Purposes – advantage, Certificate in English for Technical Purposes (B2), telc English B2, telc English B2 Business, telc English B2 Technical, telc English C1; Certificat Supérieur de Français (B2), telc Français B2; Zertifikat Deutsch Plus (B2), Zertifikat Deutsch für den Beruf (B2) (telc Deutsch B2 Beruf), telc Deutsch B2, telc Deutsch C1; Certificado de Español para Relaciones Profesionales (B2), telc Español B2; Certificato Superiore d'Italiano (B2), telc Italiano B2; telc Русский язык B2.

3. The Office of Chinese Language Council International: Hanyu Shuiping Kaoshi (HSK) – HSK level (Advance).
4. Japan Educational Exchanges and Services, The Japan Foundation: Japanese Language Proficiency Certificate – level 1 (Advanced).
5. Diplomas of completion:
   1) higher education in foreign languages or applied linguistics;
   2) foreign language teacher training college;
   3) National School of Public Administration.
6. A document issued abroad confirming the award of an academic degree or title or a degree or title in the arts – the language of instruction of the educational institution is recognised.
7. A document confirming completion of higher education or postgraduate studies abroad or in the Republic of Poland - the language of instruction is recognised if the language of instruction was exclusively a foreign language.
8. A document issued abroad that is recognised as equivalent to a secondary school leaving certificate – the language of instruction is recognised.
9. International Baccalaureate Diploma.
10. European Baccalaureate Diploma.
11. Certificate of passing a ministry exam in:
    1) Ministry of Foreign Affairs;

2) the office serving the minister responsible for the economy, the Ministry of Economic Cooperation with Foreign Countries, the Ministry of Foreign Trade and the Ministry of Foreign Trade and Maritime Economy;

3) Ministry of National Defence - level 3333, level 4444 according to STANAG 6001.

12. Certificate issued by the National School of Public Administration confirming qualifications to work in a high-level government position.

13. A document confirming entry on the list of sworn translators in the Republic of Poland or a document confirming the status of sworn translator in another Member State of the European Union, a member state of the European Free Trade Association (EFTA) which is a party to the Agreement on the European Economic Area, or in the Swiss Confederation.

14. First-cycle degree diploma if it confirms knowledge of a modern foreign language at a level of at least B2.

Appendix No. 3
Rules and procedures for admission to the Doctoral School at the
Pomeranian Medical University in Szczecin
for the 2025/2026 academic year

Evaluation criteria in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin for the 2025/2026 academic year

BASIS FOR QUALIFICATION	
Research project from the list of available research areas – rating on a scale of: 2; 3; 3.5; 4; 4.5; 5 rating awarded x 3	min. 9 - max. 15 points
Interview **0 points** – unsatisfactory, **1 point** – satisfactory, **2 points** – good, **3 points** – very good	min. 4 - max. 12 points
scope of knowledge in a given field of science	
degree of preparation for the implementation of a research project	
project presentation skills	
discussion and formulation of opinions	
Average grade for the entire period of study – average x 2 (to the second decimal place)	max. 10 points
Additional foreign language	5 points
Points for documented scientific achievements:	
– IF publications that have been published in peer-reviewed journals	first author – 6 points co-authorship – 4 points
– Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points
– Active participation in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each
– Active participation in a scientific conference/congress – in Poland, e.g. (poster, oral presentation) confirmed by by a certificate or conference abstract	0.5 points for each

– Awards won at scientific conferences	1 point for each
– Internships and work placements abroad	1 point for each month
– Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points
– Participation in scientific research projects/grants (financed from external funds, e.g. NCN, NCBiR) - contractor	3 points
Activity in student organisations, research clubs	Total 1 point

The following grading scale is established:

1) very good – 5.0
2) above good – 4.5
3) good – 4.0
4) fairly good – 3.5
5) satisfactory – 3.0
6) unsatisfactory – 2.0.

Negative assessment is is an unsatisfactory. Other grades starting from satisfactory are positive grades.

Decree No. 32/2020

of the Rector of the Pomeranian Medical University in Szczecin of 9 April 2020 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2020, item 85, as amended), I hereby order the following:

§ 1

I hereby set the fee for the admission procedure to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2020/2021 at PLN 180.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD
Rector of the Pomeranian
Medical University

Decree No. 23/2020

of the Rector of the Pomeranian Medical University in Szczecin of 8 March 2021 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2021/2022 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2020, item 85, as amended), I hereby order the following:

§ 1

I hereby set the fee for the admission procedure to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2021/2022 at PLN 180.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.0210.28.2022

Decree No. 28/2022

of the Rector of the Pomeranian Medical University in Szczecin of 14 March 2022 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2022/2023 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2022, item 574), I hereby order as follows:

§ 1

I hereby set the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2022/2023 at PLN 200.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.0210.37.2023

Decree No. 37/2023

of the Rector of the Pomeranian Medical University in Szczecin of 14 March 2023 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2023/2024 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended), I hereby order the following:

§ 1

I hereby set the fee for the admission procedure to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2023/2024 at PLN 200.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.0210.21.2024

Decree No. 21/2024

of the Rector of the Pomeranian Medical University in Szczecin of 14 March 2024 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2024/2025 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended), I hereby order the following:

§ 1

I hereby set the fee for the admission procedure to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2024/2025 at PLN 200.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.020.32.2025

Decree No. 32/2025

of the Rector of the Pomeranian Medical University in Szczecin of 7 March 2025 on determining the fee for conducting the recruitment procedure for the Doctoral School of the Pomeranian Medical University in Szczecin for the 2025/2026 academic year

Pursuant to Article 23(1) and (2)(2) of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2024, item 1571, as amended), I hereby order as follows:

§ 1

I hereby set the fee for the admission procedure to the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2025/2026 at PLN 200.00.

§ 2

This order shall enter into force on the date of its signing.

Prof. Leszek Domański, PhD Rector of the Pomeranian Medical University

Decree No. 73/2019

of the Rector of the Pomeranian Medical University in Szczecin of 19 June 2019 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2019/2020 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2018, item 1668, as amended), and § 2 of Resolution No. 41/2019 of the Senate of the Pomeranian Medical University in Szczecin of 29 May 2019 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2019/2020 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2019/2020 academic year is 15 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

Decree No. 44/2020

of the Rector of the Pomeranian Medical University in Szczecin of 5 May 2020 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2020/2021 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2020, item 85, as amended) and § 2 Resolution No. 15/2020 of the Senate of the Pomeranian Medical University in Szczecin of 18 March 2020 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2020/2021 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2020/2021 academic year is 15 places.

§ 2

This regulation shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

Decree No. 28/2021

of the Rector of the Pomeranian Medical University in Szczecin of 11 March 2020 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2021/2022 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2020, item 85, as amended) and § 2 of Resolution No. 13/2021 of the Senate of the Pomeranian Medical University in Szczecin of 24 February 2021 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2021/2022 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2021/2022 academic year is 15 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.0210.24.2022

Decree No. 24/2022

of the Rector of the Pomeranian Medical University in Szczecin of 8 March 2022 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2022/2023 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended) and § 2 of Resolution No. 7/2022 of the Senate of the Pomeranian Medical University in Szczecin of 23 February 2022 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2022/2023 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University
in Szczecin for the 2022/2023 academic year is 18 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD
Rector of PUM

DOP.0210.38.2023

Decree No. 38/2023

of the Rector of the Pomeranian Medical University in Szczecin of 14 March 2023 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2023/2024 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended) and § 2 of Resolution No. 6/2023 of the Senate of the Pomeranian Medical University in Szczecin of 1 March 2023 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the academic year 2023/2024, I hereby order as follows:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2023/2024 academic year is 20 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.0210.22.2024

Decree No. 22/2024

of the Rector of the Pomeranian Medical University in Szczecin of 14 March 2024 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2024/2025 academic year

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2023, item 742, as amended) and § 2 of Resolution No. 12/2024 of the Senate of the Pomeranian Medical University in Szczecin of 28 March 2024 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2024/2025 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2024/2025 academic year is 20 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of the Pomeranian Medical University

DOP.020.43.2025

Decree No. 43/2025

of the Rector of the Pomeranian Medical University in Szczecin of 17 March 2025 on setting the admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the academic year 2025/2026

Pursuant to Article 23 of the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2024, item 1571, as amended) and § 2 of Resolution No. 9/2025 of the Senate of the Pomeranian Medical University in Szczecin of 19 February 2025 on establishing the rules and procedure for admission to the Doctoral School at the Pomeranian Medical University in Szczecin for the 2025/2026 academic year, I hereby order the following:

§ 1

The admission limit for the first year of the Doctoral School of the Pomeranian Medical University in Szczecin for the 2025/2026 academic year is 23 places.

§ 2

This order shall enter into force on the date of its signing.

Prof. Leszek Domański, PhD Rector of the Pomeranian Medical University

Appendix

Templates of forms and supporting documents used in the recruitment process for the Doctoral School at the Pomeranian Medical University in Szczecin

Doctoral School
of the Pomeranian Medical University in Szczecin 71-
210 Szczecin, ul. Żołnierska 54

ASSESSMENT OF THE DOCTORAL THESIS PROJECT REVIEWER

(please complete in a text editor)

Research topic:

Title, first name and surname of the Doctoral School candidate:

Discipline:

First name and surname of the potential supervisor:

Reviewer:

Scoring system: 0 points – none; 1 point – low level; 2 points – good level; 3 points – very good level		
1.	Compliance of the topic with the research issues	
2.	Definition of the research objective	
3.	Selection and description of research material and methods	
4.	Assessment of expected benefits from research	
5.	Innovative aspect of the research	
6.	Research implementation potential	
7.	Selection of literature and relevance of publications	
8.	Stylistic and grammatical correctness of the text	
	Total points: (items 1-8)	

	YES	**NO**
Required consent of the heads of the units where the research will be conducted		

I give the work an overall score of …… points,

which corresponds to a grade* of: ……

(numerical and verbal grade)

*** Criteria for converting points into a grade:**		
22 - 24 points	very good	(5.0)
19 - 21 points	above average	(4.5)
16 - 18 points	good	(4.0)
13–15 points	fairly good	(3.5)
9–12 points	Satisfactory	(3.0)
0–8 points	unsatisfactory	(2.0)

Reasons for the grade:

Additional comments/suggestions:

....

(date) *(stamp and legible signature of the reviewer)*

ASSESSMENT FORM

CANDIDATE'S NAME AND SURNAME:

PROJECT TOPIC:

0 points – unsatisfactory **1 point** – satisfactory **2 points** – good **3 points** – very good	
scope of knowledge in a given field of science	.....point
degree of preparation for the implementation of the research project	.....point
project presentation skills	.....points
discussion and formulation of opinions	.....points
TOTAL POINTS OBTAINED:	.....points

Szczecin, on .....

SUMMARY REPORT FROM THE QUALIFICATION INTERVIEW IN THE RECRUITMENT PROCESS FOR THE DOCTORAL SCHOOL IN THE ACADEMIC YEAR .....

CANDIDATE'S NAME AND SURNAME:

RESEARCH PROJECT TOPIC:

NAME AND SURNAME OF THE PROPOSED SUPERVISOR:

REVIEWER:

RESULTS OF THE INTERVIEW:

	AVERAGE OF POSITIONS
range of knowledge in a given field of science	. .....points
degree of preparedness for the implementation of the research project	. .....point
project presentation skills	. .....points
discussion and formulation of opinions	. .....points
TOTAL POINTS OBTAINED:	. .....points

Signatures of the Admissions Committee:

Chair:

.....

Members:

1. .....
2. .....
3. .....
4. .....
5. .....

Observer:

Doctoral student representative .....

Date: .....

Prepared by:
.....

MINUTES OF THE QUALIFICATION PROCEDURE
TO THE PUM DOCTORAL SCHOOL IN THE ACADEMIC YEAR .....

CANDIDATE'S NAME AND SURNAME:

RESEARCH PROJECT TOPIC:

NAME AND SURNAME OF THE PROPOSED SUPERVISOR:

REVIEWER:

RESULTS OF THE QUALIFICATION PROCEDURE:

BASIS FOR QUALIFICATION		**Number of points**
Research project from the list of available research areas – rating on a scale of: 2; 3; 3.5; 4; 4.5; 5 rating awarded x 3	min. 9 - max. 15 points	
Interview **0 points** – unsatisfactory rating, **1 point** – satisfactory rating, **2 points** – good rating, **3 points** – very good rating	min. 4 - max. 12 points	
scope of knowledge in a given field of science		
degree of preparation for project implementation research		
project presentation skills		
discussion and opinion formulation		
Average grade for the entire period of study – average x 2 (to two decimal places)	max. 10 points	
Additional foreign language	5 points	
Points for documented scientific achievements:		
• IF publications published in peer-reviewed journals	first author – 6 points co-author – 4 points	
• Publications with MNiSW scoring in other peer-reviewed journals that have been published	first author – 3 points co-authorship – 2 points	
• Active participation in a scientific conference/congress – foreign, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	1 point for each	

• Active participation in a scientific conference/congress – in Poland, e.g. (poster, oral presentation) confirmed by a certificate or conference abstract	0.5 points for each	
• Awards won at scientific conferences	1 point for each	
• Internships and work placements abroad	1 point for each month	
• Participation in research projects research projects/grants (financed from external funds, e.g. NCN, NCBiR) - management	7 points	
• Participation in scientific and research projects/grants (financed from external funds, e.g. NCN, NCBiR) - performer	3 points	
Activity in student organisations	Total 1 point	
TOTAL POINTS OBTAINED:		

Chair:

.....

Date: .....

Prepared by:

LIST OF PROPOSED SUPERVISORS
– academic year .....

No.	Unit	academic title first name and surname	research area	Scientific discipline: - medical sciences - health sciences - pharmaceutical sciences	declared number of doctoral students	proposed doctoral thesis topics	possibility of completing a doctoral degree as part of a research grant conducted at the unit YES/NO
1.							
2.							
3.							
4.							

SUPERVISOR'S STATEMENT

concerning a doctoral student who does not have a permanent right to practise the profession

I undertake that all research conducted as part of your doctoral studies:

.....
...., which will be carried out with the participation of patients in clinical units, will be conducted under my supervision until the above-mentioned doctoral student obtains a permanent licence to practise.

.....…….....…… (date)

.....…….....……
(signature and stamp of the proposed supervisor)

Decree No. 43/2021

of the Rector of the Pomeranian Medical University in Szczecin of 21 April 2021 on the procedure for conducting mid-term evaluation of the implementation of research plans of doctoral students of the Pomeranian Medical University in Szczecin in the academic year 2020/2021

Pursuant to §53 of the Doctoral School Regulations, which constitutes an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, I hereby order as follows:

§1

1. The mid-term evaluation of the implementation of a doctoral student's research plan shall be carried out by the doctoral student mid-term evaluation committee, hereinafter referred to as the Committee.
2. The Committee shall be appointed separately for each doctoral student.
3. Committee meetings may be conducted using electronic means of communication, ensuring in particular:
   1) real-time transmission of the meeting between its participants,
   2) real-time multilateral communication, during which meeting participants may speak
   - in compliance with the necessary security rules.
4. In the case referred to in paragraph 3, the minutes shall be signed by the chair of the committee.

§2

The mid-term evaluation takes place in three stages:

1) Stage I – submission by the doctoral student of a written report on the implementation of the individual research plan, a template of which is provided in Appendix 1 to this order.
2) Stage II – deliberations and preparation of the assessment by the Committee,
3) Stage III – announcement of the results of the mid-term assessment.

§3

The doctoral student submits the written report referred to in §2(1) to the Doctoral School Office in accordance with the mid-term assessment schedule.

§4

1. The Director of the Doctoral School shall appoint reviewers to review the report. A member of the committee may be a reviewer.
2. The reviewer shall prepare a review of the report referred to in §2(1) based on the doctoral student's Individual Research Plan, research project, and the supervisor's reports on the annual assessment of progress in scientific work. The review form is attached as Appendix 2 to this order.
3. The following are permitted:
   1) reviewing the documentation based on a scan sent to the e-mail address by the Doctoral School Office;
   2) returning the review in the form of a scan to the e-mail address of the Doctoral School Office.

§5

1. The result of the mid-term evaluation is decided by an open vote of the Committee. Only votes for a positive or negative evaluation may be cast.
2. Minutes shall be taken of the mid-term assessment. A template for the minutes is attached as Appendix 3 to this order.

§ 6

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

Appendix 1 to
Order No. 43/2021

Doctoral School
of the Pomeranian Medical University in Szczecin

DOCTORAL STUDENT REPORT FOR MID-TERM EVALUATION

DOCTORAL STUDENT DETAILS		
FIRST NAME AND SURNAME:		
Personal Identification Number:		
UNIT:		
YEAR OF COMMENCEMENT OF STUDIES AT THE DOCTORAL SCHOOL:		
DOCTORAL THESIS		
TITLE OF DOCTORAL THESIS:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
PLANNED DATE OF SUBMISSION OF DOCTORAL THESIS (specify month and year)		
SUPERVISOR		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		
ASSISTANT SUPERVISOR (if applicable)		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		

PROGRESS REPORT ON THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN		
Objectives to be achieved during each year of study at the Doctoral School according to IPB		**Objectives and tasks achieved**
Description of the task being carried out	Task implementation period (broken down by month)	
First year		
Year II		
Year III		
Year IV		
Comments *(explanation of reasons for any discrepancies between planned and completed tasks):*		

I confirm the accuracy of the data contained in this report with my signature.

……..…… *(date of report)*	……..…… *(legible signature of the doctoral student)*
Confirmation by the assistant supervisor (if applicable)	
……..…… *(date)*	…….. *(legible signature and stamp of the assistant supervisor)*
Confirmation by supervisor	
……..…… *(date)*	…….. *(legible signature and stamp of the supervisor)*

Appendix No.
2 to Order No. 43/2021

MID-TERM EVALUATION
REVIEW FORM

Name and surname of the doctoral student:	
Title of doctoral dissertation:	
Unit:	
Supervisor:	
Assistant supervisor: *(if appointed)*:	
Reviewer: *(academic degree and title, first name, surname, discipline, address of institution/university)*	

ASSESSMENT OF PROGRESS IN THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN

5 points – exemplary implementation in terms of timeliness and substantive consistency with the IPB
4 points – implementation is proceeding well, minor shortcomings in terms of timeliness with the IPB have been noted
3 points – implementation is satisfactory, minor shortcomings in terms of timeliness and substantive consistency with the IPB have been identified
2 points – shortcomings in the timeliness of task implementation and lack of substantive consistency between planned and completed tasks, basis for a negative assessment
0 points – the description is incomplete, basis for a negative assessment

The reviewer's assessment result is considered positive if the doctoral student has obtained at least 3 points.

Number of points:

REVIEWER'S DESCRIPTIVE ASSESSMENT

1. **Assessment of IPB implementation progress (justification, *25–200 words*):**

2. **Critical comments:**

.....
date of review

.....
reviewer's signature and stamp

Appendix No.
3 to Order No. 43/2021

Doctoral School
of the Pomeranian Medical University in Szczecin MID-

TERM EVALUATION REPORT

Mid-term evaluation committee composed of:

Chair of the Committee: ……...……. External member: …….....…….....

PUM Member: …….....…….....

at a meeting held on .....held:
- using electronic means of communication*
- in person*

has made an assessment the implementation of the Research of Your ..... PhD student School of Pomerania of the Medical University of Pomerania in Szczecin.

The committee reviewed the documentation concerning the mid-term evaluation of the doctoral student:
1) the doctoral student's report on the implementation of the Individual Research Plan,
2) reviews of the report on the implementation of the Individual Research Plan,
3) the Individual Research Plan,
4) the research project,
5) the supervisor's reports on the annual assessment of progress in scientific work,

and proceeded to a discussion, during which it was pointed out that:

....
.....
The committee proceeded to an open vote:

Voting result:
number of persons entitled to vote:
number of votes in favour of a positive assessment:
number of votes against the positive assessment:

FINAL ASSESSMENT: POSITIVE ASSESSMENT* / NEGATIVE ASSESSMENT*

REASONS FOR THE ASSESSMENT:

Signatures of Committee members: Committee Chair:

External member:* PUM member:*

* delete as appropriate

Decree No. 40/2022

of the Rector of the Pomeranian Medical University in Szczecin of 25 March 2022 on the procedure for conducting mid-term evaluation of the implementation of research plans of doctoral students of the Pomeranian Medical University in Szczecin in the academic year 2021/2022

Pursuant to §53 of the Doctoral School Regulations, which constitutes an appendix to PUM Senate Resolution No. 40/2019 of 29 May 2019, I hereby order as follows:

§1

1. The mid-term evaluation of the implementation of a doctoral student's research plan shall be carried out by the doctoral student mid-term evaluation committee, hereinafter referred to as the Committee.
2. The Committee shall be appointed separately for each doctoral student.
3. Committee meetings may be conducted using electronic means of communication, ensuring in particular:
   1) real-time transmission of the meeting between its participants,
   2) real-time multilateral communication, during which meeting participants may speak
   - in compliance with the necessary security rules.
4. In the case referred to in paragraph 3, the minutes shall be signed by the chair of the committee.

§2

The mid-term evaluation takes place in three stages:

1) Stage I – submission by the doctoral student of a written report on the implementation of the individual research plan, a template of which is provided in Appendix 1 to this regulation.
2) Stage II – deliberations and preparation of the assessment by the Committee,
3) Stage III – announcement of the results of the mid-term assessment.

§3

The doctoral student submits the written report referred to in §2(1) to the Doctoral School Office in accordance with the mid-term evaluation schedule.

§4

1. The Director of the Doctoral School shall appoint reviewers to review the report. A member of the committee may be a reviewer.
2. The reviewer shall prepare a review of the report referred to in §2 point 1, based on the doctoral student's Individual Research Plan, research project, and the supervisor's reports on the annual assessment of progress in scientific work. The review form is attached as Appendix 2 to this order.
3. The following are permitted:
   1) review based on a scan of the documentation sent to the e-mail address by the Doctoral School Office;
   2) returning the review in the form of a scan to the e-mail address of the Doctoral School Office.

§5

1. The result of the mid-term evaluation is decided by an open vote of the Committee. Only votes for a positive or negative evaluation may be cast.
2. Minutes shall be taken of the mid-term assessment. A template for the minutes is attached as Appendix 3 to this order.

§ 6

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

Appendix 1 to
Order No. 40/2022

Doctoral School
of the Pomeranian Medical University in Szczecin

DOCTORAL STUDENT REPORT FOR MID-TERM EVALUATION

DOCTORAL STUDENT DETAILS		
FIRST NAME AND SURNAME:		
Personal Identification Number:		
UNIT:		
YEAR OF COMMENCEMENT OF STUDIES AT THE DOCTORAL SCHOOL:		
DOCTORAL THESIS		
TITLE OF DOCTORAL THESIS:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
PLANNED DATE OF SUBMISSION OF DOCTORAL DISSERTATION (specify month and year)		
SUPERVISOR		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		
ASSISTANT SUPERVISOR (if applicable)		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		

PROGRESS REPORT ON THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN		
Objectives to be achieved during each year of study at the Doctoral School according to IPB		**Objectives and tasks completed**
Description of the task being carried out	Task implementation period (broken down by month)	
First year		
Year II		
Year III		
Year IV		
Comments *(explanation of reasons for any discrepancies between planned and completed tasks):*		

I confirm the accuracy of the data contained in this report with my signature.

……..…… *(date of report)*	……..…… *(legible signature of the doctoral student)*
Confirmation by the assistant supervisor (if applicable)	
……..…… *(date)*	…….. *(legible signature and stamp of the assistant supervisor)*
Confirmation by supervisor	
……..…… *(date)*	…….. *(legible signature and stamp of the supervisor)*

Appendix No.
2 to Order No. 40/2022

MID-TERM EVALUATION
REVIEW FORM

Name and surname of the doctoral student:	
Title of doctoral dissertation:	
Unit:	
Supervisor:	
Assistant supervisor: *(if appointed)***:**	
Reviewer: *(academic degree and title, first name, surname, discipline, address of institution/university)*	

ASSESSMENT OF PROGRESS IN THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN

5 points – exemplary implementation in terms of timeliness and substantive consistency with the IPB
4 points – implementation is proceeding well, minor shortcomings in terms of timeliness with the IPB have been noted
3 points – implementation is satisfactory, minor shortcomings in terms of timeliness and substantive consistency with the IPB have been identified
2 points – shortcomings in the timeliness of task implementation and lack of substantive consistency between planned and completed tasks, basis for a negative assessment
0 points – the description is incomplete, basis for a negative assessment

The reviewer's assessment result is considered positive if the doctoral student has obtained at least 3 points.

Number of points:

REVIEWER'S DESCRIPTIVE ASSESSMENT

1. **Assessment of IPB implementation progress (justification, *25–200 words*):**

2. **Critical comments:**

.....
date of review

.....
reviewer's signature and stamp

Appendix No.
3 to Order No. 40/2022

Doctoral School
of the Pomeranian Medical University in Szczecin MID-TERM

EVALUATION REPORT

Mid-term evaluation committee composed of:

Chair of the Committee: ……...……. External member: …….....…….....

PUM Member: …….....…….....

at a meeting held on .....held:
- using electronic means of communication*
- in person*

has made an assessment the implementation of the Research of Your ..... PhD student School of Pomerania of the Medical University of Pomerania in Szczecin.

The committee reviewed the documentation concerning the mid-term evaluation of the doctoral student:
1) the doctoral student's report on the implementation of the Individual Research Plan,
2) reviews of the report on the implementation of the Individual Research Plan,
3) the Individual Research Plan,
4) the research project,
5) the supervisor's reports on the annual assessment of progress in scientific work,

and proceeded to a discussion, during which it was pointed out that:

....
.....
The committee proceeded to an open vote:

Voting result:
number of persons entitled to vote:
number of votes in favour of a positive assessment:
number of votes against the positive assessment:

FINAL ASSESSMENT: POSITIVE ASSESSMENT* / NEGATIVE ASSESSMENT*

REASONS FOR THE ASSESSMENT:

Signatures of Committee members: Committee Chair:

External member:* PUM member:*

---

* delete as appropriate

Decree No. 29/2023

of the Rector of the Pomeranian Medical University in Szczecin of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students of the Doctoral School of the Pomeranian Medical University in Szczecin

Pursuant to §53 of the Regulations of the Doctoral School, which constitutes an appendix to PUM Senate Resolution No. 40/2019 of 29 May 2019, I hereby order the following:

§1

1. The mid-term evaluation of the implementation of a doctoral student's research plan shall be carried out by the doctoral student mid-term evaluation committee, hereinafter referred to as the Committee.
2. The Committee shall be appointed separately for each doctoral student.
3. Committee meetings may be conducted using electronic means of communication, ensuring in particular:
   1) real-time transmission of the meeting between its participants,
   2) real-time multilateral communication, during which meeting participants may speak in the course of the meeting
   - in compliance with the necessary security rules.
4. In the case referred to in paragraph 3, the minutes shall be signed by the chair of the committee.

§2

The mid-term evaluation takes place in three stages:

1) Stage I – submission by the doctoral student of a written report on the implementation of the individual research plan, a template of which is provided in Appendix 1 to this regulation.
2) Stage II – deliberations and preparation of the assessment by the Committee,
3) Stage III – announcement of the results of the mid-term assessment.

§3

The doctoral student submits the written report referred to in §2(1) to the Doctoral School Office in accordance with the mid-term assessment schedule.

§4

1. The Director of the Doctoral School shall appoint reviewers to review the report. A member of the committee may be a reviewer.
2. The reviewer shall prepare a review of the report referred to in §2 point 1, based on the doctoral student's Individual Research Plan, research project, and the supervisor's reports on the annual assessment of progress in scientific work. The review form is attached as Appendix 2 to this order.
3. The following are permitted:
   1) review based on a scan of the documentation sent to the e-mail address by the Doctoral School Office;
   2) returning the review in the form of a scan to the e-mail address of the Doctoral School Office.

§5

1. The result of the mid-term evaluation is decided by an open vote of the Committee. Only votes for a positive or negative evaluation may be cast.
2. Minutes shall be taken of the mid-term assessment. A template for the minutes is attached as Appendix 3 to this order.

§ 6

This order shall enter into force on the date of its signing.

Prof. Bogusław Machaliński, PhD Rector of PUM

Appendix 1 to
Order No.

Doctoral School
of the Pomeranian Medical University in Szczecin

DOCTORAL STUDENT REPORT FOR MID-TERM EVALUATION

DOCTORAL STUDENT DETAILS		
FIRST NAME AND SURNAME:		
Personal Identification Number:		
UNIT:		
YEAR OF COMMENCEMENT OF STUDIES AT THE DOCTORAL SCHOOL:		
DOCTORAL THESIS		
TITLE OF DOCTORAL THESIS:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
PLANNED DATE OF SUBMISSION OF DOCTORAL THESIS (specify month and year)		
SUPERVISOR		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		
ASSISTANT SUPERVISOR (if applicable)		
FIRST NAME AND SURNAME:		
ACADEMIC DEGREE/TITLE:		
SCIENTIFIC DISCIPLINE (underline as appropriate)	medical sciences	health sciences
UNIT:		

PROGRESS REPORT ON THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN		
Objectives to be achieved during each year of study at the Doctoral School according to IPB		**Objectives and tasks completed**
Description of the task being carried out	Task implementation period (broken down by month)	
First year		
Year II		
Year III		
Year IV		
Comments *(explanation of reasons for any discrepancies between planned and completed tasks):*		

I confirm the accuracy of the data contained in this report with my signature.

……..…… *(date of report)*	……..…… *(legible signature of the doctoral student)*
Confirmation by the assistant supervisor (if applicable)	
……..…… *(date)*	…….. *(legible signature and stamp of the assistant supervisor)*
Confirmation by the supervisor	
……..…… *(date)*	…….. *(legible signature and stamp of the supervisor)*

Appendix No.
2 to Order No.

MID-TERM EVALUATION
REVIEW FORM

Name and surname of the doctoral student:	
Title of doctoral dissertation:	
Unit:	
Supervisor:	
Assistant supervisor: *(if appointed)***:**	
Reviewer: *(academic degree and title, first name, surname, discipline, address of institution/university)*	

ASSESSMENT OF PROGRESS IN THE IMPLEMENTATION OF THE INDIVIDUAL RESEARCH PLAN

5 points – exemplary implementation in terms of timeliness and substantive consistency with the IPB
4 points – implementation is proceeding well, minor shortcomings in terms of timeliness with the IPB have been noted
3 points – implementation is satisfactory, minor shortcomings in terms of timeliness and substantive consistency with the IPB have been identified
2 points – shortcomings in the timeliness of task implementation and lack of substantive consistency between planned and completed tasks, basis for a negative assessment
0 points – the description is incomplete, basis for a negative assessment

The reviewer's assessment result is considered positive if the doctoral student has obtained at least 3 points.

Number of points:

REVIEWER'S DESCRIPTIVE ASSESSMENT

1. **Assessment of IPB implementation progress (justification, *25–200 words*):**

2. **Critical comments:**

.....
date of review

.....
reviewer's signature and stamp

Appendix No.
3 to Order No.

Doctoral School
of the Pomeranian Medical University in Szczecin MID-TERM

EVALUATION REPORT

Mid-term evaluation committee composed of:

Chair of the Committee: ……...……. External member: …….....…….....

PUM Member: …….....…….....

at a meeting held on .....held:
- using electronic means of communication*
- in person*

has made an assessment the implementation of the Research of Your ..... PhD student School of Pomerania of the Medical University of Pomerania in Szczecin.

The committee reviewed the documentation concerning the mid-term evaluation of the doctoral student:
1) the doctoral student's report on the implementation of the Individual Research Plan,
2) reviews of the report on the implementation of the Individual Research Plan,
3) the Individual Research Plan,
4) the research project,
5) the supervisor's reports on the annual assessment of progress in scientific work,

and proceeded to a discussion, during which it was pointed out that:

....
.....
The committee proceeded to an open vote:

Voting result:
number of persons entitled to vote:
number of votes in favour of a positive assessment:
number of votes against the positive assessment:

FINAL ASSESSMENT: POSITIVE ASSESSMENT* / NEGATIVE ASSESSMENT*

REASONS FOR THE ASSESSMENT:

Signatures of Committee members: Committee Chair:

External member:* PUM member:*

---

* delete as appropriate

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Tomasz Klepinowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint a Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Wojciech Kloc, MD, PhD – Committee Member – external representative
3. Prof. Tadeusz Sulikowski, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Patrycja Krynicka**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Elżbieta Poniewierka, PhD – Committee Member – external representative
3. Prof. Agnieszka Brodowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR

.....

(signature and seal of the Director of the Doctoral School)

prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student of the PUM Doctoral School

Name and surname of the doctoral student: **Aleksandra Kukla**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Paweł Knapp, MD, PhD – Committee Member – external representative
3. Prof. Tomasz Byrski, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR

.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student of the PUM Doctoral School

Name and surname of the doctoral student: **Kacper Lechowicz**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint a Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Wojciech Dąbrowski, MD, PhD, Professor at the Medical University of Lublin – Committee Member – external representative
3. Iwona Rotter, MD, PhD, Professor at PUM – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

.....
(signature and seal of the Director of the Doctoral School)
prof. [illegible] n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Tomasz Machałowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint a Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Renata Walczak-Jędrzejowska, MD, PhD – Committee Member – external representative
3. Agnieszka Kolasa-Wołosiuk, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Katarzyna Malicka**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Bożena Mikołuć, PhD – Committee Member – external representative
3. Marek Myślak, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Sylwia Morawska**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Andrzej Pławski, MD, PhD, Eng. – Committee Member – external representative
3. Prof. Anna Jabubowska, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector
DYREKTOR
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student of the PUM Doctoral School

Name and surname of the doctoral student: **Piotr Plichta**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Marta Makara-Studzińska, PhD – Committee Member – external representative
3. Dr Karolina Skonieczna-Żydecka – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Agata Salabura**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Krzysztof Pawlaczyk, MD, PhD – Committee Member – external representative
3. Prof. Jerzy Sieńko, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector
DYREKTOR
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR INTERIM EVALUATION

Re: mid-term evaluation of a doctoral student of the PUM Doctoral School

Name and surname of the doctoral student: **Donata Simińska**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint a Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Bogumila Pilarczyk, PhD – Committee Member – external representative
3. Sylwia Słuczanowska-Głąbowska, MD, PhD, Professor at PUM – Committee Member – PUM representative

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Remigiusz Stamirowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Roman Sosnowski, MD, PhD, Associate Professor – Committee Member – external representative
3. Iwona Rotter, MD, PhD, Professor at the Pomeranian Medical University – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2021

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Agnieszka Wełnicka**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2019
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with Order No. 43/2021 of the Rector of the Pomeranian Medical University of 21 April 2021 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint a Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Adam Kobayashi, MD, PhD, Professor at the Cardinal Stefan Wyszyński University – Committee Member – external representative
3. Prof. Monika Białecka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2021 to 30 September 2021.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Maciej Jedliński**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Barbara Biedziak, PhD – Committee Member – external representative
3. Danuta Lietz-Kijak, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Mateusz Bosiacki**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Beata Karakiewicz, MD, PhD – Chair of the Committee
2. Prof. Joanna Gotlib, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is hereby appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR INTERIM ASSESSMENT

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Anna Aleksandra Gudan**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Piotr Eder, PhD – Committee Member – external representative
3. Prof. Ewa Wunsch, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Joanna Kochman**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Joanna Gotlib, MD, PhD, PhD in Health Sciences – Committee Member – external representative
3. Prof. Elżbieta Grochans, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Honorata Anna Mruk-Mazurkiewicz**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Cecylia Łukaszuk, PhD – Committee Member – external representative
3. Monika Mak, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jakub Kornel Baranowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Wojciech Kloc, MD, PhD – Committee Member – external representative
3. Prof. Tadeusz Sulikowski, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Kornelia Jankowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Wirginia Likus, MD, PhD – Committee Member – external representative
3. Prof. Bohdan Górski, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student of the PUM Doctoral School

Name and surname of the doctoral student: **Michał Janowski**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Maciej Kaźmierczak, MD, PhD – Committee Member – external representative
3. Edyta Gołembiewska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector

DYREKTOR

.....

(signature and seal of the Director of the Doctoral School)

prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Kaja Michalczyk**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Tomasz Waśniewski, MD, PhD – Committee Member – external representative
3. Prof. Teresa Starzyńska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Kaja Scheibe**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector

.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR INTERIM ASSESSMENT

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Artur Uździcki**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Anna Wiechowska-Kozłowska, MD, PhD – Committee Member – external representative
3. Andrzej Białek, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marta Roszak**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Alina Olender, PhD – Committee Member – external representative
3. Aneta Cymbaluk-Płoska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2022

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Waldemar Pluta**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2020
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2021, item 478) and § 49 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 40/2019 of the Senate of the Pomeranian Medical University of 29 May 2019, and in accordance with PUM Rector's Order No. 40/2022 of 25 March 2022 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Monika Chudecka, PhD, Professor at the University of Szczecin – Committee Member – external representative
3. Karolina Skonieczna-Żydecka, MD, PhD, PhD in Health Sciences – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2022 to 30 September 2022.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 March 2023

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Katarzyna Sokołowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marcin Ruciński, MD, PhD – Committee Member – external representative
3. Prof. Ewa Stachowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 March 2023 to 31 March 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Viktoria Hawryłkowicz**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Dorota Szostak Węgierek, PhD – Committee Member – external representative
3. Prof. Elzbieta Grochans, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Alicja Mińko**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Tomasz Saran, PhD – Committee Member – external representative
3. Prof. Elzbieta Grochans, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Krystian Awgul**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Dr Ewa Siwak – Committee Member – external representative
3. Jowita Biernawska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Adam Majchrzak**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Jowita Biernawska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Katarzyna Gliniewicz**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Andrzej Pławski, PhD – Committee Member – external representative
3. Wojciech Marlicz, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Barbara Gronwald**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Anna Surdacka, PhD – Committee Member – external representative
3. Prof. Joanna Janiszewska-Olszowska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Kinga Jagielska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Witold Malinowski, MD, PhD – Committee Member – external representative
3. Prof. Agnieszka Brodowska, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jakub Pawlik**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Paweł Reichert, MD, PhD – Committee Member – external representative
3. Prof. Agnieszka Brodowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Hanna Jasiak-Jóźwik**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Jakub Kornacki, MD, PhD – Committee Member – external representative
3. Prof. Aneta Cymbaluk-Płoska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Mateusz Kozłowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Tomasz Waśniewski, MD, PhD, Professor at the University of Warmia and Mazury – Committee Member – external representative
3. Elżbieta Sowińska-Przepiera, MD, PhD, Professor at the Pomeranian Medical University – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Sara Kurkowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Rafał Czepczyński, MD, PhD – Committee Member – external representative
3. Marcin Sawicki, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marta Pugaczewska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Robert Juszkat, MD, PhD – Committee Member – external representative
3. Prof. Piotr Gutowski, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Aleksandra Strońska-Pluta**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Napoleon Waszkiewicz, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Bartosz Szostak**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Agnieszka Paradowska-Gorycka, MD, PhD – Committee Member – external representative
3. Prof. Krzysztof Safranow, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Weronika Pawlik**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD – Committee Member – external representative
3. Andrzej Brodkiewicz, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 3 July 2023

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jakub Kalembkiewicz**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Piotr Kryst, MD, PhD, Professor at the Centre for Postgraduate Medical Education – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. n. zdr. Anna Lubkowska
(signature and seal of the Director of the Doctoral School)

Szczecin, 3 July 2023

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Magdalena Durajczyk**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2021
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Ewa Mrukwa-Kominek, MD, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 3 July 2023 to 29 September 2023.

on behalf of the Rector
DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Mikołaj Chlubek**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Paweł Gać, MD, PhD – Committee Member – external representative
3. Elżbieta Petriczko, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Joanna Abramczyk**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marta Jankowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Monika Kuśmierz-Wojtasik**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Anna Bielikowicz**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Dorota Szostak-Węgierek, PhD – Committee Member – external representative
3. Prof. Elżbieta Grochans, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marcin Horecki**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Dorota Szostak-Węgierek, PhD – Committee Member – external representative
3. Prof. Elżbieta Grochans, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Dawid Ciechanowicz**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Sylwia Dzidek**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Tomasz Grąźlewski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector

DYREKTOR
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Szymon Zakrzewski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Agnieszka Paradowska-Gorycka, PhD, Eng. – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. n. zdr. Anna Lubkowska

(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jakub Rosik**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Prof. Agnieszka Paradowska-Gorycka, PhD, Eng. – Committee Member – external representative
3. Prof. Krzysztof Safranow, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR INTERIM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jan Bińkowski**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Jakub Mieczkowski, MD, PhD – Committee Member – external representative
3. Prof. Miłosz Parczewski, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Krystian Mross**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Radosław Kaźmierski, MD, PhD – Committee Member – external representative
3. Maciej Romanowski, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Ewa Kostrzeba**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Andrzej Kędzia, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. n. zdr. Anna Lubkowska
(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marika Freus**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Magdalena Gąssowska-Dobrowolska, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Anna Gorący-Rosik**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Dariusz Moczulski, MD, PhD – Committee Member – external representative
3. Prof. Edyta Gołembiewska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is hereby appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Weronika Bielka**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Marta Wróbel, MD, PhD – Committee Member – external representative
3. Elżbieta Petriczko, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Agnieszka Przezak**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, PhD – Chair of the Committee
2. Marta Wróbel, MD, PhD – Committee Member – external representative
3. Elżbieta Petriczko, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2024

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Patrycja Okulewicz**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2022
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2022, item 574) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 7/2023 of the Senate of the Pomeranian Medical University of 1 March 2023, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Tomasz Liberek, MD, PhD – Committee Member – external representative
3. Ewa Kwiatkowska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2024 to 30 September 2024.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2025

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Ewelina Bagińska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Dr Ewa Kupcewicz – Committee Member – external representative
3. Prof. Elżbieta Grochans, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Paulina Rotter**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: health sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Dr Ewa Kupcewicz – Committee Member – external representative
3. Prof. Elżbieta Grochans, PhD – Member of the Committee – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Klaudia Rusińska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Adam Leszek Pawelczyk**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Małgorzata Elżbieta Poniatowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE MID-TERM EVALUATION COMMITTEE

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Julia Ewa Zacharczuk**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej

.....
(signature and seal of the Director of the Doctoral School)

prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Alicja Magdalena Ziontkowska-Wrzałek**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Brygida Knysz, PhD – Committee Member – external representative
3. Prof. Marek Droździk, MD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
PROREKTOR
ds. Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Ositadima Chukwu**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Arnold Kukowka**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Bartłomiej Pala**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
.....Szkoły Doktorskiej.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Oliwia Piotrowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Prof. Marek Ussowicz, MD, PhD – Committee Member – external representative
3. Prof. Izabela Gutowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Sylwester Drożdżal**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Dr Tomasz Saran – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Nina Ewa Komaniecka**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Tomasz Saran, PhD – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. med. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Kinga Szymczykowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Tomasz Saran, PhD – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of PUM

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector

DYREKTOR
Szkoły Doktorskiej
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Michał Krzysztof Żołnierczuk**
Date of commencement of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Dr Tomasz Saran – Committee Member – external representative
3. Prof. Andrzej Ciechanowicz, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Doctoral student's name: **Wiktoria Czarnecka**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Magdalena Gąssowska-Dobrowolska, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. zdr. Anna Lubkowska
(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Małgorzata Goszka**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Magdalena Gąssowska-Dobrowolska, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The Mid-Term Evaluation Committee is hereby appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. n. zdr. Anna Lubkowska
(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Aleksandra Polikowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Magdalena Gąssowska-Dobrowolska, MD, PhD – Committee Member – external representative
3. Prof. Irena Baranowska-Bosiacka, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the current regulation of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
prof. dr hab. n. med. Anna Lubkowska
(signature and seal of the Director of the Doctoral School)

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Jakub Kienitz**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Marta Wróbel, MD, PhD – Committee Member – external representative
3. Prof. Agnieszka Brodowska, PhD – Committee Member – representative of PUM

The Committee will conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Marta Klepinowska**
Date of commencement of studies at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

1. Prof. Anna Lubkowska, MD, PhD – Chair of the Committee
2. Marta Wróbel, MD, PhD – Committee Member – external representative
3. Prof. Agnieszka Brodowska, MD, PhD – Committee Member – representative of the Pomeranian Medical University

The Committee shall conduct a mid-term evaluation of the implementation of the doctoral student's individual research plan in accordance with the rules set out in the applicable order of the Rector of the Pomeranian Medical University in Szczecin.

The composition of the Mid-Term Evaluation Committee is appointed for the period from 1 July 2025 to 30 September 2025.

on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Szczecin, 1 July 2025

APPOINTMENT
OF THE COMMITTEE FOR MID-TERM EVALUATION

Re: mid-term evaluation of a doctoral student at the PUM Doctoral School

Name and surname of the doctoral student: **Yana Osnytska**
Start date of education at the PUM Doctoral School in Szczecin: 1 October 2023
Discipline: medical sciences

Pursuant to Article 202(4) of the Act of 20 July 2018 on Higher Education and Science (i.e. Journal of Laws 2024, item 1571) and § 50 of the Regulations of the Doctoral School of the Pomeranian Medical University in Szczecin, constituting an appendix to Resolution No. 13/2024 of the Senate of the Pomeranian Medical University of 28 February 2024, and in accordance with PUM Rector's Order No. 29/2023 of 14 February 2023 on the procedure for conducting mid-term evaluations of the implementation of individual research plans of doctoral students, I hereby appoint the Mid-Term Evaluation Committee composed of:

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on behalf of the Rector
DYREKTOR
Szkoły Doktorskiej
.....
(signature and seal of the Director of the Doctoral School)
prof. dr hab. n. zdr. Anna Lubkowska

Pomorski Uniwersytet Medyczny w Szczecinie
PUM

Rektor

Szczecin, dnia 12 listopada 2025 r.

UPOWAŻNIENIE
DOP.0162.11.2025

Na podstawie art. 23 ust. 1 i ust. 2 pkt 1 i 2 ustawy z dnia 20 lipca 2018 r. Prawo o szkolnictwie wyższym i nauce (tj. Dz. U. z 2024 r. poz. 1571 z późn.zm.), upoważniam Panią

prof. dr hab. Annę Lubkowską
Dyrektora Szkoły Doktorskiej
Pomorskiego Uniwersytetu Medycznego w Szczecinie

do złożenia w systemie ewaluacji szkół doktorskich SEDok:
- raportu samooceny,
- oświadczenia o zgodności zawartych w raporcie samooceny informacji ze stanem faktycznym i prawnym,
- oświadczenia, że informacje zawarte w raporcie samooceny w języku polskim i języku angielskim są ze sobą merytorycznie w pełni tożsame,
- oświadczenia, że dokumenty stanowiące załączniki do raportu samooceny w języku polskim i języku angielskim sobą merytorycznie w pełni tożsame.

Ponadto upoważnienie obejmuje czynności określone w § 6 ust. 1 pkt 1 i ust. 2 rozporządzenia Ministra Edukacji i Nauki z dnia 27 września 2021 r. w sprawie ewaluacji jakości kształcenia w szkole doktorskiej (Dz.U. poz.1847).

Upoważnienie może być odwołane w każdym czasie.
Upoważnienie nie obejmuje prawa do udzielania dalszych upoważnień.

prof. dr hab. Leszek Domański
Rektor PUM

Przyjęcie upoważnienia

Niniejszym potwierdzam przyjęcie upoważnienia DOP.0162.11.2025 i zobowiązuję się do wykonywania czynności objętych zakresem upoważnienia ze szczególną starannością

Jednocześnie oświadczam, że znane są mi przepisy Zarządzenia Nr 44/2014 Rektora Pomorskiego Uniwersytetu Medycznego w Szczecinie z dnia 5 maja 2014 r. w sprawie zasad udzielenia przez Rektora Pomorskiego Uniwersytetu Medycznego w Szczecinie pełnomocnictw i upoważnień.

Szczecin, dnia 13/11/2025

DYREKTOR
Szkoły Doktorskiej
prof. dr hab. n. zdr. Anna Lubkowska
(czytelny podpis)

KEN

2023-2027

NATIONAL INFORMATION PROCESSING INSTITUTE

Minister of Science and Higher Education
Republic of Poland

Assessment of the quality of education in doctoral schools
is made by the Science Evaluation Committee

The Evaluation System of Doctoral Schools
is financed by the Minister of Science and Higher Education