

FORMULARZ DLA OGŁOSZENIODAWCÓW

INSTITUTION: Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii

CITY: Wrocław

STANOWISKO : Group Leader in P4Health - Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health K/M

DATE OF ANNOUNCEMENT: **08.05.2026**

DEADLINE FOR APPLICATIONS: **07.06.2026**

LINK TO THE WEBSITE: <https://port.lukasiewicz.gov.pl/>

The Łukasiewicz Research Network – PORT (Polish Centre for Technology Development) is a research institute within the Łukasiewicz Research Network. It focuses on the development of new technologies by conducting research for the needs of and in collaboration with industry. With our team of high-calibre specialists and state-of-the-art infrastructure, we are able to carry out the most advanced scientific research. Our Institute comprises three research centres – the Centre for Life Sciences & Biotechnology, the Centre for Materials Engineering and the Centre for Population Diagnostics – all of which have access to specialist laboratories. This combination enables us to carry out both scientific research and pilot studies for industry in a comprehensive manner.

We are currently seeking candidates for the position of:

Group Leader in P4Health - Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health K/M

P4Health: Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health.

Project is carried out within the **MAB/IRA** programme of the Foundation for Polish Science.

The **P4Health Centre of Excellence** is an interdisciplinary initiative focused on advancing Predictive, Preventive, Personalized, and Participatory (P4) approaches in health and medicine. Within the IRAP framework, the project's scientific goal is to discover and validate novel therapeutic concepts aimed at counteracting symptoms of brain disorders associated with astrocyte pathology. The applied research programme is designed to deliver a detailed understanding of the mechanisms of astrocyte dysfunction and its impact on neuronal networks, building on the complementary expertise of a team with a strong publication record in reputable journals and proven experience in identifying nervous system pathomechanisms and developing prototype drug candidates. Project outcomes will be protected as intellectual property and will provide a foundation for translation through clinical studies and appropriate commercialisation pathways.

P4Health's key features:

- Interdisciplinary centre advancing P4 approaches in health and medicine
- Applied, mechanism-driven research focused on astrocyte dysfunction and its effects on neuronal networks
- Strong scientific track record demonstrated through high-quality publications and prior discoveries in nervous system pathomechanisms

- Translation-oriented strategy, from concept validation to clinical studies and commercialisation
- Systematic protection and management of intellectual property to support downstream implementation

Position description:

A **Group Leader** position is available at the P4Health Center. The position is intended for candidates with typically four to eight years of postdoctoral experience who are well positioned to transition to a leadership role in a newly established center for applied research. Independent researchers holding external grants are also welcome to apply. The main objective of the new research team will be to identify cell-autonomous pathways to advance the understanding of trait-specific neuropathology and to propose novel therapeutical targets.

The ideal candidate will demonstrate strong motivation to conduct translational research in neuroscience, has solid expertise in molecular mechanisms underlying brain disorders, and has the ability to think independently and to lead innovative research.

Candidates are invited to submit proposals describing an ambitious yet feasible research program to be implemented at P4Health. The desired scope includes innovative approaches to resolve neuro-glia interactions, either through *in silico* modelling (i.e. omics-based identification of novel candidate drug targets and/or biomarkers) or through experimental approaches (e.g. functional readouts of targeted genetic or pharmacological manipulations of brain circuits *in vivo* or *ex vivo*).

The selection process includes two stages:

1. First selection round: the Expert Panel will evaluate candidates' motivation to join P4Health, the quality of previous research based on the submitted CV, and the scientific merit, impact, and feasibility of the proposed research programme;

2. Second selection round: Selected candidates will be invited to a leadership training in Wrocław. The invitation includes full coverage of travel expenses and full accommodation for the duration of the training (4 days, tentatively scheduled mid-July 2026). During the training, candidates will refine their project proposals with guidance from experienced mentors and present them to a jury on the final day. Successful candidates will be offered a position at P4Health Center.

We encourage applications from candidates of all nationalities, genders and backgrounds.

Key responsibilities include:

- Implementation of projects aimed at elucidating the contribution of individual genes to molecular and physiological phenotypes associated with neuropsychiatric disorders
- Active contribution to collaborative projects across teams within the Centre, as well as joined initiatives with external academic and industrial partners
- Maintain industry-standard work documentation
- Preparation of scientific articles and conference presentations
- Effective communication with an interdisciplinary research team

Profile of candidates/requirements:

- PhD degree in biological, medical, veterinary, or related sciences
- Experience in applying appropriate *in vitro*, *in vivo* or *in silico* models to address biological and medical research questions
- Strong track record in studying cellular and molecular mechanisms underlying brain disorders
- Excellent organizational skills and strong command of English

Required documents:

1. CV demonstrating the candidate's qualifications in the following areas:

I. Key Competencies and Experience :

Please provide a concise overview of your professional experience, highlighting key competencies relevant to the position. This should include, in particular:

- Experience in project management and coordination of research activities
- Core qualifications and areas of expertise
- Academic and professional positions held, including leadership roles (e.g. head of a research group or team)
- Participation in prestigious advisory boards, committees, or expert panels relevant to the role of a group leader

Additionally, please explain how your experience and competencies equip you to effectively lead a research group within a Centre of Excellence.

II. Scientific Achievements:

a. *Key scientific accomplishments*

Please list up to three of your most significant scientific achievements from the period 30 April 2016 – 30 April 2026 in a field relevant to the project. These should be presented in comparison to those of leading international research centres. Examples may include:

- High-impact publications
- Implementations or applied research outcomes
- Patents
- Awards, distinctions, or recognitions

b. *Research funding*

Please provide a list of key research grants, with particular emphasis on those completed within the last three years (30 April 2023 – 30 April 2026).

c. *Impact and contribution to the field*

For the projects listed above, describe the main outcomes and their contribution to advancing the scientific domain addressed in the P4Health Research Agenda.

In particular, focus on the results of scientific and/or implementation-oriented research from projects completed within the last three years, clearly demonstrating their impact and relevance.

III. Supervision of Theses:

Please indicate the number of diploma (Master's) theses and/or doctoral dissertations you have supervised or co-supervised.

IV. Collaboration with Industry and Commercialization :

Please describe your experience in:

- Collaboration between academia and industry
- Translating research results into practical applications
- Commercialization activities (e.g. patents, spin-offs, technology transfer, industry-funded projects)

2. Cover letter outlining motivation to join P4Health

3. Mission statement and proposal for a 3-year research programme (2 pages max.) focused on drug target or biomarker identification and validation

4. Contact information, including e-mail address and phone number

5. Optional: additional supporting documents (e.g. certificates, reference letter)

The recruitment process will be based on an “outcubation” model and will involve an International Scientific Committee.

Remuneration: 20000-24000 PLN gross

We offer:

- Full-time employment contract (1,0 FTE)
- Competitive salary
- Research independence within a strong translational neuroscience agenda
- Opportunity to collaborate with a scientific team experienced in translational research and strong academic records
- Structured support for the commercialization of research outcomes
- Generous start-up package (1 postdoc, 2 PhD students, 1 technician – or equivalents) until end of 2029
- Access to modern infrastructure (2-photon microscopy, super-resolution microscopy (Zeiss Elyra), miniscopes, fiber photometry, Opera Phoenix, MEA, Incucyte, Tecan, Seahors, in vivo: functional ultrasound (Iconeus), automated analysis of behavior, automated stereotaxy)
- Support and mentorship from experienced Programme Leader with big-pharma professional background
- Personal career development plans aligned with systematic development of collaborations with clinic, industry and academia partners
- Interdisciplinary opportunities (e.g., nanotechnology, materials science)
- Structured IP support and protection

Additional benefits:

- Co-financing of private medical care
- Co-financing of a sports and wellness card
- Option to enroll in group life insurance
- Benefits co-funded through the Social Benefits Fund (including holiday and Christmas benefits)
- Work in a modern, green science campus environment
- Free on-site parking

Position starts 01.09.2026

If you are interested, please submit your application via the link below:

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=833c6e0370754fc9971b9cd9a496696f>

Please be advised that the controller of your personal data is the Network Institute operating under the name Łukasiewicz Research Network – PORT Polish Centre for Technology Development, ul. Stabłowicka 147, 54-066 Wrocław. The data contained in the application documents will be processed for the purposes necessary for the recruitment process and also – if consent is given – for the purposes of future recruitment. We would like to inform you of your right to access and rectify your data, as well as your right to withdraw consent to the processing of your data, without affecting the processing

carried out prior to the withdrawal of consent. The provision of personal data is voluntary. For more information on the protection of personal data: <https://port.lukasiewicz.gov.pl/ochrona-danych/>

Information about candidates who apply for the recruitment process constitutes public information to the extent covered by the requirements specified in the recruitment notice. Information regarding the outcome of the recruitment process, including the job title for which the recruitment was conducted, the first name or first names and surname of the selected candidate and their place of residence within the meaning of the provisions of the Act of 23 April 1964 – Civil Code, as well as the reasons for the selection of the candidate or for not appointing any candidate, will be made public in accordance with the requirements of the Act of 21 February 2019 on the Łukasiewicz Research Network.

Please note that we will only contact successful candidates.