FORMULARZ DLA OGŁOSZENIODAWCÓW

INSTITUTION: Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii

CITY: Wrocław

STANOWISKO : **PhD students in neuroscience in P4Health - Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health K/M**

DATE OF ANNOUNCEMENT: **12.05.2026**

DEADLINE FOR APPLICATIONS: **25.05.2026**

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:

PhD students in neuroscience 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:
Eight PhD positions are available in the Center P4Health which focuses on resolving neuro-glia interactions related to neuropsychiatric and neurodegenerative disorders. Our interdisciplinary research aims to identify cell-autonomous pathways for better understanding of trait-specific neuropathology and to propose novel therapeutical targets.
We will combine brain region- and cell-specific genetic manipulation followed by behavioral and functional readouts to identify circuit-specific engagement of glial cells in brain function.
We are looking for enthusiastic researchers to broaden our think-tank with their expertise in monitoring functional processes upon targeted manipulation in relevant modalities. The ideal candidate has a strong motivation to perform translational research in neuroscience, presents solid background knowledge in molecular mechanisms of brain disorders, and is capable of independent and creative thinking.
Candidates will be requested to apply for doctoral schools at selected universities and launch collaborative project.

Position of PhD student refers to a person preparing a doctoral thesis as part of a doctoral programme at a doctoral school or as an external candidate, and who is participating in a project under the supervision of a Research Team Leader.

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

Number of vacancies: 8

Key responsibilities include:

- Implementation of projects to resolve the contribution of individual genes to molecular and physiological phenotypes related to neuropsychiatric disorders
- Active contribution to collaborative project across teams within our Center, as well as joined initiatives with external academic and industrial partners
- Data analysis, interpretation, visualization and integration
- Keeping an industry-standard work documentation
- Preparation of scientific articles and conference presentations
- Communication with the interdisciplinary team of researchers

Profile of candidates/requirements:

- Title of MSc in biological, medical, veterinary or related sciences (or confirmation that you are in the final year of a MSc programme)
- Experience in applying *in vitro, in vivo or in silico* models for resolving challenging biological problems, including statistical methods, preparing reports and presentations of results
- Strong interest in cellular and molecular basis of brain disorders
- Excellent organizational skills
- Very good command of English

Required documents:

1. CV
2. Motivation letter.
3. Contact information, including e-mail address and phone number
4. The candidates may include additional information or copies of documents/certificates in support of the application

Remuneration: 6000-8000 PLN gross

We offer:

- Full-time employment contract (1,0 FTE)
- Opportunity to collaborate with an experienced scientific team, with structured support for scientific and career development.
- Possibility to contribute to high-quality scientific publications and to engage in the commercialization of research outcomes.
- Co-financing of private medical care.
- Co-financing of a sports and wellness card.
- Option to enrol in group life insurance.
- Co-financing through the Social Benefits Fund (including holiday and Christmas benefits).
- Work in a modern, green science campus environment.
- Free on-site parking.

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

https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=74616135f2344eceaff27d4c11404986

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.