

FORMULARZ DLA OGŁOSZENIODAWCÓW

INSTITUTION: Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii

CITY: Wrocław

STANOWISKO : Postdoctoral Fellows in P4Health - Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health (2 vacancies) k/m

DATE OF ANNOUNCEMENT: **11.05.2026**

DEADLINE FOR APPLICATIONS: **10.06.2026**

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:

Postdoctoral Fellows in P4Health - Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health (2 vacancies) 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:

We are seeking a highly motivated Postdoctoral Researcher to join a dynamic, translational neuroscience environment focused on developing novel therapies for brain disorders at the P4Health CoE. The position is intended for candidates completing their PhD thesis or having up to 5 years of postdoctoral experience.

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

Candidates are invited to submit proposals outlining innovative approaches to investigate neuron-glia interactions and counteract deficits associated with brain disorders. Proposed methodology may include *in silico* modelling (e.g. omics-based identification of novel drug targets and/or biomarkers) or experimental approaches (e.g. functional assessment of targeted genetic or pharmacological manipulations of brain circuits *in vivo* or *ex vivo*).

The selection process includes two stages:

1) First selection round: An Expert Panel will evaluate candidates' scientific merit of the proposed translational research idea, the quality of previous research based on the submitted CV, and the motivation to join P4Health;

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 for mid-July 2026). During the training, candidates will work in teams on project proposals with guidance from experienced mentors. Successful candidates will be offered a position at P4Health Center.

The position is intended for a person holding a doctoral degree for no longer than 5 years. The 5-year period is counted from the year of obtaining the doctoral degree. This period begins with the annual date of obtaining the degree, and ends with the year preceding the completion date, which may occur through a competition. The 5-year period may be extended to include any interrupted periods of research work occurring after obtaining the degree, provided that the interruption lasts no less than 6 months.

The position starts from 01.09.2026

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

Key responsibilities include:

- Active contribution to collaborative projects across teams within the Centre, as well as joined initiatives with external academic and industrial partners
- Maintaining industry-standard work documentation
- Preparation of scientific articles and conference presentations

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
- Strong command of English

Required documents:

1. CV including a complete list of academic and research achievements
2. Cover letter outlining motivation to join P4Health
3. A research proposal (max. 2 pages) addressing the disease biology of neurodegenerative or neuropsychiatric disorders.
4. Contact information, including e-mail address and phone number
5. The candidates may include additional information or copies of documents/certificates in support of the application as optional

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

Remuneration: 13980 PLN gross**We offer:**

- Full-time employment contract (1,0 FTE)
- Competitive salary
- Opportunity to collaborate with a scientific team experienced in translational research
- Structured support for the commercialization of research outcomes
- Strong mentorship from a Program Leader with 30+ years in global pharma and extensive industry–academic collaborations (e.g., Stanford, Yale) and 10+ Group Leaders with excellent track records and international networks
- Access to state-of-the-art infrastructure
- Career development support, including international training, workshops, and conferences

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

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

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=52a096096fdc4c85bded9cf573994672>

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.