

## FORMULARZ DLA OGŁOSZENIODAWCÓW

INSTITUTION: Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii

CITY: Wrocław

**STANOWISKO : Senior Research Engineer in P4Health- Center of Excellence in Precise Phenotyping and BioDataBanking for Personalised Brain Health K/M**

DATE OF ANNOUNCEMENT: **08.06.2026**

DEADLINE FOR APPLICATIONS: **21.06.2026**

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:

**Senior Research Engineer 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:**

The Senior Research Engineer at the P4Health Centre of Excellence, funded under the Horizon Europe Teaming for Excellence programme, will be responsible for planning and conducting advanced preclinical research using animal models and state-of-the-art molecular biology, biochemistry, and neurobiology techniques. The successful candidate will work within **Technology Platform 3**, supporting the implementation of research projects carried out under the P4Health scientific agenda and contributing to the development of the platform's research infrastructure and technological capabilities.

The position involves designing and conducting experiments using animal models, developing and applying viral vectors, performing molecular and biochemical analyses, and interpreting research results. The successful candidate will also contribute to the development, validation, implementation, and continuous improvement of Standard Operating Procedures (SOPs) for research methods developed and applied within Technology Platform 3.

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

**Number of vacancies: 1**

**Key responsibilities include:**

- planning research activities and preparing documentation required to obtain approvals for experiments involving laboratory animals (mice);
- conducting in vivo experiments, including stereotactic surgeries, behavioural analyses, and collection and isolation of biological material;
- designing, producing, and validating viral vectors for preclinical research applications;
- performing molecular and biochemical analyses using techniques such as qPCR, Western blot, ELISA, immunohistochemistry, and immunofluorescence;
- preparing samples for proteomic and metabolomic analyses;
- performing statistical analyses of experimental data and interpreting research results;
- preparing reports, presentations, and materials for scientific publications and research projects;
- contributing to the development, validation, and implementation of Standard Operating Procedures (SOPs) for methods used within Technology Platform 3;

- participating in the development and optimization of research methodologies and the implementation of new experimental technologies;
- collaborating with P4Health research groups, other Technological Platforms and project partners in the execution of research activities and knowledge transfer.

**Profile of candidates/requirements:**

- PhD in biology, biotechnology, biomedical sciences, neurobiology, or a related field;
- hands-on experience in research involving animal models;
- practical experience with stereotactic techniques and behavioural testing;
- experience in molecular biology and biochemical methods;
- experience in analysing and interpreting experimental data;
- ability to independently plan and execute research projects and experiments;
- experience in preparing scientific publications and grant applications;
- good command of spoken and written English.

**Nice to have:**

- experience in the design and production of viral vectors;
- experience in neurobiology or neurodegenerative disease research;
- experience in developing research protocols and quality documentation.

**Required documents:**

1. CV .
2. Contact information, including e-mail address and phone number .

**Remuneration: 11880 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.
- 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=e72879e48a024b57a6e67a261a55bcf3>

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.**