

## FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION Senior Specialist – Research Engineer (POSTDOC) in the Synaptogenesis Research Group

POSTED 08.12.2025

EXPIRES 21.12.2025

WEBSITE <https://port.lukasiewicz.gov.pl/kariera/oferty-pracy/>

Łukasiewicz Research Network – PORT Polish Center for Technology Development is a Research Institute within the Łukasiewicz Research Network. It focuses on development of new technologies, resulting from basic and applied research, which, in turn, serves as a basis for innovative solutions for the industry. With high-class specialists and state-of-the-art infrastructure, we provide capacity for the most advanced research. Our Institute consists of three research centers – Life Sciences & Biotechnology Center, Materials Science & Engineering Center and Center for Population Diagnostics, with access to specialized core laboratories – a combination, which allows to carry out both, scientific research and pilot studies for the industry in a comprehensive manner.

Currently we are looking for:

**Senior Specialist – Research Engineer (POSTDOC) in the Synaptogenesis Research Group – two vacancies**

Synaptogenesis Research Group is a laboratory conducting multidisciplinary research on synapses in the brain and brain neuronal network, skeletal muscles, and neuromuscular junctions. Our laboratory is multicultural, with half of the lab members coming from abroad. We are committed to conducting innovative research at the best international level.

We are currently recruiting a postdoctoral researcher for a project funded by the National Science Center (NCN) grant 2022/45/B/NZ3/03688. In this project, we will study the molecular mechanisms that regulate brain organization, synaptogenesis, and mouse behavior. The brain is the most complex organ in the human body, and we still have a limited understanding of its organization and function. Its malfunction leads to severe neurodevelopmental and psychiatric disorders. Our laboratory uses a wide range of techniques, including protein complex purification, mass spectrometry analysis, histology, cell culture, genetic manipulations, viral gene delivery, and behavioral testing on conditional knockout mice. By joining the project, you will learn a lot of techniques from various fields of biology, and the results obtained will likely be published in good international journals.

### **Major responsibilities:**

- Planning, designing, and conducting scientific experiments.
- Writing manuscripts, presenting results at international scientific meetings.
- Active participation in the laboratory operations.
- Supervising Ph.D. students and technicians.

**Requirements:**

- Ph.D. degree (or equivalent).
- Scientific productivity proven in publication record.
- Experience in laboratory work in the field of biology, especially in cell biology, biochemistry, or neuroscience.
- Leadership and excellent organizational skills.
- Ability to work in a team.
- Very good English (both written and spoken).
- Experience in neuroscience and mouse studies will be an additional benefit.
- Knowledge of any of the following techniques will be considered as added value: immunostaining of cells and tissues, confocal microscopy, Western blot, co-immunoprecipitation, protein purification, molecular cloning, PCR and qRT-PCR, viral-based gene delivery, cell culture, performing experiments on mice, breeding of transgenic and knockout animals.

**Additional requirements:**

- The candidate must meet the requirements of NCN project Regulations. For more information regarding the post-doc role requirements in NCN project check here:

[https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27\\_2022-zal1.pdf#page=52](https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27_2022-zal1.pdf#page=52)

**We offer:**

- Full-time employment on the position of Senior Specialist.
- Work in a scientific research organization focused on the implementation of innovative R&D projects.
- Training in the use of modern techniques, including work with conditional knockout mice for tissue-specific deletion, complex biochemistry, protein complex purification, and in vivo confocal imaging.
- Co-financing for private medical care.
- Co-financing for a sports card.
- Possibility to join group life insurance.
- Co-financing under the Social Benefits Fund (for holidays and Christmas).
- Work on the territory of a green science campus.
- Free parking space.
- Additional 10 days of paid leave for employees of the research division holding the title PhD.

**If you are interested, please apply via the link below:**

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=e323ce86fac0414abba7e345d787e8c5>

We kindly inform you that the controller of your personal data is Network Institute operating under the name of Łukasiewicz Research Network – PORT Polish Center for Technology Development, Stabłowicka 147, 54-066 Wrocław, Poland. The data contained in job application will be processed for the purposes of the current recruitment process, and – if the consent is given – for the purposes of future recruitment. We kindly inform you about your right to access your data and correct it, as well as your right to withdraw your consent to data processing at any time without the impact on the compliance with the law of the processing performed on the grounds of consent given before withdrawal thereof. Providing personal information is voluntary.

More information on the protection of personal data: <https://port.lukasiewicz.gov.pl/en/data-protection/>

Information about candidates applying for the above role is public information in the scope covered by the requirements specified in the recruitment announcement. Information on the result of the recruitment process, including the job position for which the recruitment was carried out, the name or names and surname of the selected candidate and his place of residence within the meaning of the provisions of the Act of 23 April 1964 – Civil Code as well as the justification of the candidate's selection or not employing any the candidate will be made public in accordance with the Act of February 21, 2019 on the Łukasiewicz Research Network.

**We kindly inform you that we will contact only selected candidates.**