

## FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION PHD student

POSTED 01.02.2023

EXPIRES 14.02.2023

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, serve as a basis for innovative solutions for the industry. With high-class specialists and state-of-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.

Due to our growing needs, we invite candidates to apply for the position of

### **NCN PH.D students in the Synaptogenesis Research Group**

Synaptogenesis group is a laboratory conducting multidisciplinary research on skeletal muscles, neuromuscular junctions, and the brain. Our laboratory is multicultural with half of the lab members coming from abroad. We are committed to conduct innovative research on the best international level. Our recent publication Rojek K. et al., „Amot and Yap1 regulate neuronal dendritic tree complexity and locomotor coordination in mice” published in Plos Biology 2019 May 1;17(5):e3000253 has been awarded with prestigious Konorski Award for the best publication in neuroscience in Poland published in 2019.

Currently, we are recruiting for a project “Functions of Amotl2 protein in the central nervous system” financed by National Science Center (NCN) grant Opus no. 2022/45/B/NZ3/03688). For more information please follow link: [https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala25\\_2019-zal1.pdf](https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala25_2019-zal1.pdf)  
[https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27\\_2022-zal1.pdf#page=59](https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27_2022-zal1.pdf#page=59)

### **Major responsibilities:**

- planning experiments and analysis of the obtained results
- analysis of protein and mRNA expression levels
- analysis of interactions between proteins
- studies on synaptic protein localization
- analysis of neuronal morphology
- cooperation in preparation of scientific figures.

**Ideal candidates should have:**

- A person with knowledge of molecular biology and neuroscience is welcome
- Experience in laboratory work in the field of biology especially in cell biology, biochemistry, or neuroscience.
- Have excellent organizational skills.
- Ability to work in a team.
- Very good English (both written and spoken).
- Experience in neuroscience, muscle research, and in mouse studies will be 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.

**If you are interested, please apply (CV & motivation letter) via the below link:**

**<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=55bf58b2337145c285200df193ef62e6>**

**Application deadline: 14.02.2023**

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.org.pl/en/career/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**