

## FORMULARZ DLA OGŁOSZENIODAWCÓW

INSTITUTION: Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii

CITY: Wrocław

**STANOWISKO : Senior Research Engineer in Cancer Neuropsychology Research Group M/K (NCN)**

DATE OF ANNOUNCEMENT: **31.07.2026**

DEADLINE FOR APPLICATIONS: **30.08.2026**

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 Cancer Neuropsychology Research Group M/K (NCN)**

**You will work on a generously funded project** that delves into presynaptic control of primary sensory neurons by top-down brainstem noradrenergic neurons. You will use novel sensory neuron type specific alpha-2c-adrenoceptor knock-out mice in conjunction with selective optogenetic modulation of the top-down noradrenergic circuits to probe the noradrenergic mechanisms controlling nociception.

**You will be specialising in in-depth histological and functional analysis of the knock-out mouse model.** An ideal candidate will have a background in transgenic animals work and cutting-edge histological approaches (incl. RNAscope, tissue clearing and expansion microscopy apart from classic immunohistochemistry) with contemporary computational approaches in image analysis. A strong drive to learn and perform *in vivo* neurophysiological techniques (such as one and 2-photon *in vivo* calcium imaging) as well as rodent nociceptive behavioural testing will be of advantage.

**Your main duties:**

- you will be to perform in-depth tissue analysis *post-mortem*.
- You will supervise correct transgenic animal lines breeding (in continuous cooperation with the lab technician) and take responsibility for regulated animal procedures.

- You will ensure that data (and associated metadata) are of the highest quality and in a form that allows for further processing.

**You will be asked to:**

- i) independently undertake the research project, and execute experiments in consultation with the group leader,
- ii) participate in lab activities, including group meetings, journal clubs, seminars and conferences,
- iii) write up findings for publications and completing revisions,
- iv) collaborate with other lab members on daily lab work.

**Profile of candidates/requirements:**

- Holds or be near completion of PhD in Neuroscience or related discipline (i.e. Neurobiology, Biophysics, etc.),
- Advanced spoken and written English skills,
- Proven research track record,
- Ability to travel and present data internationally,
- Ability to plan your own work and/or the work of the person you line manage (i.e. PhD students),
- Documented work experience with mouse models >1 year (i.e. behavioural tests on mice),
- Good understanding of molecular genetics and viral vectors,
- Good analytical skills.

**Desirable, but not mandatory:**

- Experience with pain models,
- Experience in animal surgery (stereotaxic injections),
- Experience in mouse behavioural assays (affective, locomotor and nociceptive thresholds assessment, preferably with computer vision tools),
- Experience in neurophysiological techniques, especially *in vivo* functional optical imaging (1-/2- photon)
- Coding skills, or ability to implement written scripts in R/Python/Matlab for data analysis.

**Remuneration: 9850 PLN gross**

**We offer:**

- 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=e66c597748f542edb75387ff8e78c925>

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/en/personal-data/>

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.**