

FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION Senior Research Engineer in Biology of Astrocytes Research Group K/M

POSTED 28.07.2026

EXPIRES 27.08.2026

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.

We currently seek applicants for Senior Research Engineer in Biology of Astrocytes Research Group K/M

The Biology of Astrocytes Research Group at Łukasiewicz – PORT is seeking a highly motivated Research Scientist to join the international AutoHealth project, coordinated by the University Hospital Bonn (Germany). The successful candidate will work closely with Dr. Raluca Contu, Project Manager of the Polish arm of AutoHealth, and will play a key role in establishing tissue-based analyses within the project.

AutoHealth investigates how stress affects communication between the brain and the body through changes in metabolism and the cellular recycling process known as autophagy. By combining advanced phenotyping technologies, experimental animal models, and well-characterized human cohorts, the consortium aims to uncover the mechanisms underlying stress-related psychiatric disorders and identify novel therapeutic strategies targeting autophagy.

Your responsibilities:

- Establish and optimize workflows for processing brain and peripheral tissues from rodent models.

- Perform cryosectioning, immunohistochemistry, fluorescence microscopy, and quantitative image analysis.
- Contribute to protein extraction, western blotting, and metabolomics sample preparation and analysis.
- Maintain accurate experimental records and ensure high standards of data quality, reproducibility, and laboratory organization.
- Participate in planning laboratory purchases and implementation of new experimental workflows.
- Collaborate closely with the research team and international consortium partners, contributing to joint scientific activities.
- Participate in training visits and scientific meetings, including research stays at the University Hospital Bonn (Germany).
- Contribute to scientific publications and dissemination of project results.

We are looking for candidates who have:

- MSc degree with at least two years of hands-on research experience or a PhD in neuroscience, biology, biotechnology, molecular biology, or a related discipline.
- Practical experience with tissue processing, cryosectioning, and immunohistochemistry.
- Excellent command of written and spoken English.
- Strong organizational skills, attention to detail, scientific integrity, and the ability to maintain high-quality experimental documentation.
- Ability to work independently while collaborating effectively within an international multidisciplinary team.
- A proactive attitude, scientific curiosity, and enthusiasm for building a new research direction within an international consortium.

Additional assets:

- Experience with fluorescence or super-resolution microscopy.
- Image analysis skills.
- Experience with metabolomics sample preparation and/or data analysis.
- Knowledge of autophagy, neuroscience, or metabolism.

We offer:

- Full-time employment until 31 October 2028.
- The opportunity to contribute to an ambitious international ERA-NET NEURON consortium involving leading European research institutions.
- International collaboration and research visits to consortium partners in Germany.
- Access to modern research infrastructure and the opportunity to help establish new experimental capabilities at Łukasiewicz – PORT.
- The opportunity to actively shape the experimental direction of the Polish AutoHealth team.
- A collaborative, supportive, and scientifically ambitious research environment with excellent opportunities for professional development.
- 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.

Required application documents:

- Curriculum Vitae (CV), including contact information (e-mail address and phone number) and a publication list (if applicable).
- Cover letter describing your motivation for joining the AutoHealth project and how your experience aligns with the position.
- Candidates are welcome to include any additional information or supporting documents (e.g. certificates or recommendation letters) that they consider helpful for the evaluation of their application.

We strongly encourage applications from candidates of all nationalities, genders, and backgrounds. The working language of the project is English.

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

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=c8ff71ab26714ed1ab5dd9ec738f698c>

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.