FORM FOR EMPLOYERS

INSTITUTION: Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY: Wrocław

POSITION:
POSTDOC in Innate Immunity Research Group k/m

POSTED **02.11.2026**
EXPIRES **01.12.2026**

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 Research Engineer (postdoc) in Innate Immunity Research Group

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The Innate Immunity Research Group is looking for an ambitious and highly motivated Postdoctoral Researcher to join the NCN OPUS 30 project "Investigating the role of ILC2s in regulating blood vessels in melanoma," led by Dr. hab. Marek Wagner.

Group 2 innate lymphoid cells (ILC2s) are emerging as important regulators of cancer immunity, yet we are only beginning to understand how they influence the tumor microenvironment (Wagner et al., Nature, 2025). Our project asks an exciting and largely unexplored question: Can ILC2s regulate the tumor vasculature and thereby influence melanoma progression and antitumor immunity?

Bringing together cancer biology, immunology, vascular biology and bioinformatics, we will investigate how ILC2s communicate with vascular endothelial cells and how these interactions affect the organization and function of tumor blood vessels. Our long-term goal is to uncover new mechanisms of tumor–immune–vascular communication and identify potential biomarkers and therapeutic targets in cancer.

Previous experience with ILC2s is not required. We welcome researchers from molecular biology, cancer biology, immunology, vascular biology and related fields who are excited to explore a new interdisciplinary research direction.

Your role in the project:
As a postdoctoral researcher, you will actively contribute to the scientific development of the project.

Major responsibilities:

- Designing and independently conducting experiments.
- Analysing, interpreting and integrating experimental and bioinformatic data.
- Actively contributing to ongoing research projects and scientific discussions.
- Preparing scientific manuscripts, reports and other research outputs.
- Presenting findings at institutional, national and international scientific conferences.
- Working closely with members of the research group and our national and international collaborators.
- Staying up to date with developments in cancer biology, immunology and vascular biology.

Required qualifications:

<u>We are looking for a researcher who:</u>
- Holds a PhD in life sciences.
- Has strong expertise and research experience in at least one of the following areas: molecular biology, immunology and/or tumor biology.
- Has experience in bioinformatics and analysis of biological data.
- Has demonstrated experience in writing scientific manuscripts.
- Can independently design and conduct experiments and critically analyse and interpret results.
- Has excellent written and spoken English.
- Demonstrates strong analytical thinking, teamwork and time-management skills.

Experience with flow cytometry/cell sorting, molecular biology techniques, immunohistochemistry, immunofluorescence or other tissue-based approaches will be considered an advantage.

Above all, we are looking for someone who is scientifically curious, independent, collaborative and motivated to develop new ideas.

What we offer:

- A full-time employment contract, with the possibility of further extension.
- The opportunity to work on an interdisciplinary project at the interface of cancer, immunity and vascular biology.
- Modern, well-equipped laboratories and access to advanced research infrastructure.
- Collaboration with national and international research partners.
- Opportunities to present your research at international scientific meetings and contribute to high-quality publications.
- Competitive salary and social benefits, including co-financing of private medical care and sports activities.
- 36 days of paid annual leave.
- A green science campus with free parking.
- A friendly, international and interdisciplinary working environment.

How to apply:

Please submit:
- A cover letter describing your research interests, relevant experience and motivation to join our group.
- A CV, including research experience, scientific achievements and publication record.
- Contact details for two referees.

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

https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=5aca69716a75415d929bd818c7496920

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.