

FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION **Process Engineer in Functional Quantitative Virology Research Group**

POSTED **02.12.2025**

EXPIRES **15.12.2025**

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.

We currently seek applicants for Process Engineer in Functional Quantitative Virology Research Group

A position is available in the Research Group Quantitative Virology at Łukasiewicz-PORT. We are looking for a highly enthusiastic person to strengthen our interdisciplinary team in exciting research combining state-of-the-art genetic approaches with advanced molecular and physiological readouts. In this project, we aim to investigate the molecular basis of HIV-1 antisense transcripts associated with its latency. We will manipulate barcoded wildtype HIV-1 and conduct experiments using several “omics” technologies, including B-HIVE, RNA-seq, ChIP-seq, ATAC-seq, MNase-seq, HIV-1-capture HiC followed by high-throughput sequencing to characterize the molecular microenvironments of the latent HIV reservoir, especially those harboring proviruses at a deeper level of latency. Lastly, we will integrate these multidimensional datasets generated in this project to establish a deep learning-based quantitative model, enabling the prediction of the likelihood of the molecular microenvironments of the latent HIV reservoir.

Major responsibilities:

- Viral manipulation, including viral transduction and transfection
- Cell culture.
- Perform molecular biology techniques, including PCR, RT-PCR, qPCR, and prepare high-throughput sequencing libraries.
- FACS sorting.
- Participate in writing the manuscript
- Data analysis, interpretation, visualization.
- Keeping an industry-standard work documentation.

Expectations:

- M.Sc. degree (or final year of MSc studies) in biological sciences or related field supported with at least 1 year of hands-on laboratory experience.
- Excellent interpersonal and communication skills.
- Very good work organization and time management.
- Experienced to work in interdisciplinary teams.
- Conscientiousness and accuracy.
- Professional level of English.
- Experience in cell culture.
- Experience in molecular biology techniques (molecular cloning, PCR, RT-PCR, qPCR).
- Enthusiastic about learning (new knowledge and techniques).

Nice to have:

- Experience in any “omics” approach.
- Experience in generating high-throughput sequencing libraries.

We offer:

- Full- time employment on the position of Process Engineer.
- Scientific and organizational Support.
- 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).
- Free parking space.

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

<https://system.errecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=522f7be9f3d144bd92ee62e782ced63a>

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.