

## FORM FOR EMPLOYERS

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

CITY: Wrocław, Poland

POSITION: **POST-DOC RESEARCH ENGINEER in Organic/Polymer Chemistry**

DISCIPLINE: Chemistry, Material Science

POSTED: 02.09.2022

EXPIRES: 16.09.2022

WEBSITE: <https://port.lukasiewicz.gov.pl/en/>

KEY WORDS: chemistry, chemia, postdoc, research, R&D, polymers

DESCRIPTION: (field, expectations, comments):

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.

Currently we are inviting outstanding Candidates to apply for the position of

### **Post-Doc Research Engineer in Organic/Polymer Chemistry (Functional Macromolecules Research Team)**

Interested in research projects that aim to push the boundaries of polymer science? In Functional Macromolecules Lab, we investigate sequence-defined polymers towards new applications in complex materials. <sup>1</sup> We take an advantage of monomer sequence programmability to induce functions into synthetic macromolecules. Our current goal is to develop polymer materials that can be used for selective sensing of bioactive water contaminants. The problem of water pollution with bioactive compounds has been growing in the last few years due to the increasing consumption of drugs in developed societies and the pollution of the environment with plastics. Providing tools for efficient water quality control will allow for the widespread introduction of monitoring programs and enhance water purification processes.

#### **Qualifications**

- A PhD degree in Chemistry or related and interest in organic/polymer chemistry
- Proficiency in English
- Experience in organic preparative synthesis, chromatography (HPLC, Flash) and spectroscopy (NMR, FTIR, CD, UV-vis, Fluorescence)
- Pleasure in experimental work
- High level of creativity and strong problem solving skills
- Excellent team player skills

#### **Additional requirements:**

A member of a research team must be a under 35 years of age according to the regulations of **The National Centre for Research and Development** for the **Lider XII** project, details: <https://www.gov.pl/web/ncbr/lider-xii-edycja>

**Responsibilities:**

- To implement research tasks on development of sequence-defined polymers for sensing within scope of PolySens project

**We offer:**

- Fixed-term employment contract on the position of a Senior Specialist
- Excellent research infrastructure, modern and well-equipped laboratories
- Strong collaboration with national and international industries
- Social benefits: co-financing of private medical care, sport activities and vacation
- 36 days of paid annual leave
- Friendly, inspiring, interdisciplinary environment

This job will also bring you to Wrocław, Poland - repeatedly placed among the top 100 cities in the world for the Mercer Quality of Living Survey and in the top 100 of the smartest cities in the world in the IESE Cities in Motion Index, classified as a Gamma global city by Globalization and World Cities Research Network and a leader of "Global Cities of the Future 2021/2022" (Financial Times - fDi Magazine ) among all medium and small cities in the world

For more information about Functional Macromolecules Research Group check here: <https://szwedalab.com/>

**If you are interested in this position, please apply via the below link:**

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=1f0996b17baa4e93b1b78942efe09b57>

Please attach your CV, list of publications and half-page cover letter.

**Expire date 16.09.2022 r.**

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.