

Łukasiewicz - Lodz Institute of Technology inaugurated its activity on April 1, 2022. It was established by the merger of three Łódź-located institutes of the Łukasiewicz Research Network: Łukasiewicz-Institute of Biopolymers and Chemical Fibres, Łukasiewicz-Institute of Leather Industry and Łukasiewicz – Textile Research Institute.

Łukasiewicz - ŁIT employs over 350 persons, has unique equipment and utilizes the potential of scientific staff located in 5 research centres operating in several research areas important for the economy. The core business of Łukasiewicz - ŁIT is the implementation of research projects and international cooperation in the field of scientific research, development works and commercialization in 4 key research areas of the Łukasiewicz Research Network: Digital Transformation, Smart Mobility, Sustainable Economy and Energy, and Health. Łukasiewicz - ŁIT is a member of the Łukasiewicz Research Network, the third largest research network in Europe. It is an integrated market player providing attractive, complete and competitive business and technological solutions in the areas of automation, chemistry, biomedicine, ICT, materials and advanced manufacturing.

Due to the development of our team, we are looking for a person for the position:

SCIENTIFIC AND RESEARCH SENIOR SPECIALIST – POST-DOC

(female/male)

(RESEARCH DEPARTMENT)

Ref No.: BCG/26/2026

Requirements:

- PhD in materials engineering, chemistry, chemical engineering, environmental engineering or a related discipline,
- A doctoral degree should have been obtained in the year of employment in the project or within the 12-year period preceding 1 January of the year of employment in the project. This period may be extended by the duration of any long-term (over 90 days) documented sick pay or rehabilitation benefits received during that period due to incapacity for work. In addition, this period may be extended by the number of months spent on leave for the care and upbringing of children, granted in accordance with the provisions of the Labour Code, and, in the case of women, by 18 months for each child born or adopted, if this method of pointing the breaks in academic career is more favourable,
- Two-year documented labour experience in the research and development sector,
- Occupational experience related to materials engineering and circular economy; the research interests in the fields of diagnostics, and medical technologies, including biosensors; DNA purification and label-free detection methods; sustainable materials, and environmental analysis, including the ability to carry out LCA analyses in accordance with ISO 14040 and ISO 14044 standards, practical knowledge of SimaPro or similar software would be an advantage,
- Scientific contribution documented by publications from the JCR list, including:
 - authorship or co-authorship of at least two scientific publications (included in Polish Ministry of Science and Higher Education scoring list) or two industry reports or two analyses relevant to the Institute's research areas, and
 - active participation in at least two academic or industry conferences (e.g. an oral presentation, a poster, participation in a panel discussion) or other events aimed at popularising science or
 - experience in carrying out research and development projects, e.g. participation in at least two R&D projects, including documented evidence of having carried out part of the R&D work on one's own, or
 - a proven track record of collaboration with the business sector in the implementation of research findings,

- the ability to use scientific and literature databases, e.g. SCOPUS,
- a working knowledge of spoken and written Polish, at least at a communicative level,
- a good command of spoken and written English (level B2 or higher), preferably evidenced by a certificate,
- the ability to think analytically, to analyse scientific data and present the results obtained,
- motivation for scientific work, independence, creativity in solving research problems, responsibility for assigned tasks, and the ability to work both independently and as part of a team, good work organisation, including the timely completion of tasks.

Expected scope of duties:

The post-doc person will be involved in the implementation of the project 'Advanced Materials for Sustainable Nucleic Acid Biosensing' (SmartSens)', funded by the National Science Centre (Poland), contract No.UMO-2025/07/Y/ST11/00186. The project Leader is AIT (Austrian Institute of Technology GmbH - Molecular Diagnostics).

The main responsibilities of the post-doc will involve:

- collecting the data necessary to assess the biosensors' blocks and the biosensors in terms of their environmental impact,
- participating in the analysis of biosensors with a view to improving their properties in terms of sustainable development.

In addition, the successful candidate's responsibilities will include dissemination of research findings through publications in national and international scientific journals, as well as at national and international conferences, seminars and trade fairs.

We offer:

- employment based on employment contract,
- 36 days' annual leave for staff employed in the research division,
- the option to purchase a healthcare package for the employee and their family members, as well as life insurance,
- social benefits package (including, among others, holiday subsidies for the employee and their children, holiday allowances, and holiday gifts for employees' children)
- a package of social benefits (including holiday and festive allowances for employees and their children),
- a subsidy for a sports card,
- the company's holiday resort in Łeba (at Baltic seaside), available to staff and their families during the summer holidays.

Persons interested are asked to send their CV to the following address:

Sieć Badawcza Łukasiewicz – Łódzki Instytut Technologiczny

HR and Payroll Department, 19/27 Marii Skłodowskiej-Curie St., 92-103 Łódź or to the e-mail address: rekrutacja@lit.lukasiewicz.gov.pl

Please refer in your application to the reference number of the job offer

Employment type: employment contract

No. of positions : 1 Full-time position

Working time: full time

Place of work: Łódź, POLAND

Deadline for application submission: 31 October 2026

Please note that we will only respond to selected applications. Applications received after the above-mentioned deadline will not be considered. The employer reserves the right to close the recruitment process before the application deadline, but not before than October 15 2026.

Please attach this clause to the documents sent:

„I consent to the processing of my personal data contained in the offer by the Łukasiewicz-Łódź Institute of Technology for the purposes necessary for the recruitment process in accordance with the Act of May 10, 2018 on the protection of personal data (Journal of Laws of 2018, item 1000) and in accordance with the Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46 / EC (GDPR)”

Please be advised that we will respond only to selected offers. Offers received after the deadline will not be considered.

Persons qualified for recruitment interviews will be notified of their date by phone or by e-mail.

Information on the result of the recruitment for the above position will be published on the website of Łukasiewicz-Łódź Institute of Technology.

According to the Article 13 of the General Data Protection Regulation of 27 April 2016 (Official Journal of the European Union UE L 119 of 4 May 2016) on the protection of natural persons with regard to the processing of personal data and the free movement of such data, and repealing Directive 94/46 EC we inform that:

1. the controller of your personal data is Łukasiewicz Research Network-Łódź Institute of Technology represented by the Director, with head office located in Lodz, 19/27 M. Skłodowskiej-Curie Str.

2. You may contact with Personal Data Controller of the Łukasiewicz Research Network-Łódź Institute of Technology at the address: iod@lit.lukasiewicz.gov.pl

The Łukasiewicz – Łódź Institute of Technology has implemented a procedure for the protection of whistleblowers; details are available via the link: <https://lit.lukasiewicz.gov.pl/dla-sygnalistow/>.

Information clause for job applicants

Pursuant to Art. 13 of the Regulation of the European Parliament and of the Council (EU) of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and the repeal of Directive 94/46 EC, we would like to inform you that:

1. The administrator of your personal data is the Łukasiewicz Research Network – Łódź Institute of Technology with its head office in Łódź, 19/27 M. Skłodowskiej-Curie Str. represented by the Director.
2. Contact with the Data Protection Officer is possible at the following e-mail address: iod@lit.lukasiewicz.gov.pl
3. Your data will be processed only in connection with the recruitment for selected positions.
4. Data exceeding the scope specified in the employment regulations (e.g. additional e-mail address, telephone number, photo), if provided by you, will be processed on the basis of consent expressed by including this data in the submitted application.

5. The legal basis for the processing of your personal data is Article 6 (1) (a, b, c) of the GDPR and the Labor Code, which relate to the necessary scope of processing in the recruitment process as well as the provisions of the Civil Code and other legal acts in the field of defense or pursuing possible claims.
6. Your data will not be transferred to other recipients.
7. The personal data provided to us will be kept for the duration of the recruitment process. The storage period may change in the event of other conditions entitling us to process them for a longer period, especially in order to implement the legitimate interest of the administrator, i.e. in the event of pursuing or defending claims (Article 6 (1) (f) of the GDPR).
8. You have the right to:
 - obtain information on the data concerning you;
 - rectification of data;
 - deletion of data;
 - data processing restrictions;
 - data portability (change of the data controller);
 - objecting to data processing;
 - withdrawal of consent to the processing of specific data at any time, without affecting the lawfulness of the processing which was carried out before its withdrawal (if the data was processed on the basis of consent);
 - lodging a complaint to the supervisory body, which is the President of the Personal Data Protection Office in Warsaw, 2 Stawki Str.
9. Your data will not be profiled (automated decision making).
10. In the recruitment process, providing specific categories of data is a statutory requirement and voluntary in the remaining scope. Failure to provide the required and necessary data may result in the refusal of the CV, and not participating in recruitment.