



Assistant professor in the group of research and teaching staff in the Institute of Organic Chemistry, Faculty of Chemistry, Lodz University of Technology

Lodz University of Technology is one of the finest universities of technology in Poland. Its tradition and experience in training professionals and conducting research date back more than 75 years. It is an attractive partner for business. It cooperates with the largest national and international corporations. It conducts research of a European standard, develops new technologies and creates innovation in collaboration with the leading research centres all over the world. One of the pillars of Lodz University of Technology management is equal treatment of staff regardless of their gender, age, race or other demographic and social characteristics. In 2016, TUL was the first technical university in Poland to receive the HR EXCELLENCE IN RESEARCH award certifying that the University adheres to the principles of *the European Charter for Researchers* and *the Code of Conduct for the Recruitment of Researchers*.

1. The requirements to be met by the candidate (detailed description of the knowledge, qualifications, skills, and professional experience).

- Doctorate in Chemistry
- Experience in research in the field of organic chemistry, with a particular focus on the synthesis of modified ribonucleosides, ribonucleotides and modified RNA fragments, documented by publications.
- Knowledge of separation methods to isolate organic compounds, with particular focus on the synthetically obtained nucleosides and oligoribonucleotides, including RP HPLC, IE HPLC, TLC, PLC, column chromatography.
- Knowledge of spectroscopic methods and their use for the identification of organic compounds, with a particular focus on the synthetically obtained nucleosides and oligonucleotides, including NMR, MS, UV-VIS, IR and CD.
- The ability to search chemical literature using modern databases, such as Reaxys, SciFinder, czy Scopus.
- Proficient knowledge of Polish in speech and writing, good knowledge of English.
- Teaching experience in conducting classes with students and in scientific care of diplomats in the field of organic chemistry.
- Ability to plan and organize experimental work on your own.
- Experience in preparing manuscripts of publications, including review articles.
- Ability to work in a team.
- Strong motivation and enthusiasm for research and further scientific development.

2. Specification of the terms and conditions of employment and authority associated with the position.



Politechnika Łódzka

- Full time
- The selected candidate will be employed for a period of 12 months (until 27.11.2024)
- Expected date of commencement of work: 28.11.2023

3. Description of the expected responsibilities and duties.

- Setting short and long term research goals.
- Data analysis and preparation of research reports.
- Publishing research results.
- Supervising the keeping of the necessary documentation and reporting.
- Conducting didactic classes with students and scientific supervision over graduate students.
- Preparation of information and popular science publications.

4. List of the required documents:

- 1) application for employment to the Rector of Lodz University of Technology;
- 2) Curriculum vitae with contact details, taking into account scientific achievements, in particular:
 - research experience at home and/or abroad,
 - publications in publishing houses/scientific journals,
 - didactic and scientific achievements.
- 3) personal questionnaire for a person applying for employment at Lodz University of Technology, as provided in Annex no. 1.1 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 4) Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 5) Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 6) true copies/copies of diplomas;
- 7) other documents proving the qualifications.

5. The place, manner, and deadline for submitting the documents (as well as information concerning their return);

Documents must be submitted to the Institute of Organic Chemistry of the Technical University of Lodz to an e-mail address: justyna.babska@p.lodz.pl until the date of **18.11.2023**. The required documents must be attached in PDF format. In the title of the e-mail, please write "Competition assistant professor of nucleic acid team".



Politechnika Łódzka

Following a preliminary verification on the basis of the documents submitted, the selected candidates may be invited to an interview. Entries will be evaluated by the Selection Board.

6. Contact person and postal and e-mail addresses to which documents or scans thereof may be forwarded;

Additional information on the competition is provided by the Specialist – Justyna Babska,

e-mail: justyna.babska@p.lodz.pl

7. The expected date of the announcement of the decision: 22.11.2023

8. Description of the employing unit

The Institute of Organic Chemistry is part of the Faculty of Chemistry of the Technical University of Lodz. It was established in 1970 as a result of changes introduced by the Ministry of Science and Higher Education. The Institute is a scientific unit conducting research in the field of organic chemistry. The main research directions concern the methodology of organic synthesis, asymmetric catalysis, the synthesis and use of organic catalysts with a well-defined spatial structure, and the study of reaction mechanisms. An important aspect of our research is also the understanding of the mechanisms of organocatalytic reactions based on kinetic and synthetic techniques with particular emphasis on the application of nuclear magnetic resonance (NMR) spectroscopy. Numerous research works of the Institute are oriented towards practical applications in industry and medicine. The Institute places great emphasis on research carried out in domestic as well as foreign projects.



**PERSONAL INFORMATION FORM FOR APPLICANTS FOR EMPLOYMENT AT
LODZ UNIVERSITY OF TECHNOLOGY**

- 1. First name(s) and family name
- 2. Date of birth
- 3. Contact details
- 4. Education (where required for specific duties or jobs)

.....
(name of school and graduation date)

.....
(occupation, specialisation, degree, professional title, academic title)

- 5. Professional qualifications (where required for specific duties or jobs)

.....
(courses, postgraduate education, other forms of further development of knowledge and skills)

- 6. Employment history (where required for specific duties or jobs)

.....
(employment periods and jobs held at previous employers')

- 7. Additional personal information, where the right or the duty to disclose it exists under specific regulations

.....
(place and date)

.....
(signature of the applicant)



Data Privacy Statement for job candidates

Pursuant to Article 13(1) and (2) of Regulation (EU) 2016/679 of the European Parliament and of the Council 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 (General Data Protection Regulation, Official Journal of the EU L 119/1), hereinafter referred to as "GDPR", we inform you as follows:

- 1) Lodz University of Technology with the registered office in Lodz is the Controller of your personal data;
- 2) We have appointed a Data Protection Officer to supervise the compliance of personal data processing, who can be contacted in matters concerning the protection of your personal data at the following e-mail address: iod@adm.p.lodz.pl; telephone number: 42 631 2039; or in writing to the address of our registered office: Lodz University of Technology, Żeromskiego 116, 90-924 Łódź;
- 3) As the controller, we will process your data for the purpose of the recruitment process for the position indicated, based on your consent (Article 6(1)(a) GDPR);
- 4) You have the right to withdraw your consent to the processing of your personal data at any time, but such withdrawal shall not affect the lawfulness of the processing effected on the basis of your consent prior to its withdrawal;
- 5) You have the right to lodge an objection against the processing of the data as set out above at any time. We will cease to process your data for these purposes unless we can demonstrate that there are compelling legitimate grounds for us to do so which override your interests, rights, and freedoms, or that your data will be required for the possible establishment, assertion, or defense of claims;
- 6) Your personal data provided in the CV, personal information form for the applicant for employment, and copies of documents supporting your professional experience, education, additional credentials and qualifications will be processed for the period in which claims related to the recruitment process may arise, i.e. for 6 months following the conclusion of the recruitment process. For individuals who have given their consent to the processing of personal data for the purposes of future recruitment, for a period of 12 months following the conclusion of the recruitment process during which the consent has been given;
- 7) Only individuals authorized by the Controller to process your data in the performance of their duties will have access to your data;
- 8) Your personal data will not undergo automated processing and will not be subject to profiling;
- 9) Under GDPR, you shall further have:
 - a) the right to access your data and to receive copies thereof,
 - b) the right to rectification (amendment) of your data,
 - c) the right to erasure/to be forgotten, restriction of data processing,
 - d) the right to data portability,
 - e) right to file a complaint to the supervisory authority - President of the Personal Data Protection Office, Stawki 2, 00-193 Warsaw.

.....
(date and signature of the candidate)



**Consent of the candidate to the processing of personal data
(pursuant to Article 7 GDPR)**

I consent to the processing of my personal data by Lodz University of Technology, the Controller of the data included in the following documents that I have submitted:

.....
.....

for the purpose of recruitment/employment*.

I hereby declare that I have been informed of the right to withdraw my consent at any time, effective as of the date of submission of the withdrawal of consent.

The Controller (or an authorised representative) has also informed me that the withdrawal of consent does not affect the lawfulness of the processing performed on the basis of the said consent prior to its withdrawal.

.....
(date and signature of the candidate)

* delete as appropriate