



Assistant professor in Institute of Organic Chemistry of the 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).

1. PhD degree in chemistry/chemical technology or related fields,
2. Good knowledge and scientific interests in the field of organic chemistry
2. Knowledge of spectroscopic methods and their application to identify organic compounds,
4. Good knowledge of English in speaking and writing,
5. Ability to work in a group, strong motivation and enthusiasm for conducting scientific research and further scientific development, creativity, independence in planning and conducting experiments,
6. Scientific achievements, confirmed by publications,
7. Doctorate defended in the years 2017-2023, the time limit for obtaining a doctoral degree for women applying for these positions may be extended by 1.5 years for each born or adopted child.

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

- full time,
- The selected candidate will be employed for a period of 48 months (until January 28, 2028) - the total amount for the Post-doc's remuneration provided for in the project budget is PLN 560,000.
- Expected start date of the scholarship: February 1, 2024

3. Description of the expected responsibilities and duties.

The post-doc selected in this competition will participate in scientific and research tasks.

The aim of the project is to increase the potential of organocatalysis by using the tool of electrochemistry. We expect that this type of approach will lead to the development of new methods for the synthesis of important chiral building blocks and chemically or biologically important molecules. The synthetic methodologies proposed in the project use the potential of two dynamically developing fields of science: electrochemistry and organocatalysis, opening access to compounds that cannot be obtained using classical methods. These approaches are environmentally friendly because they will be implemented in mild conditions and are characterized by high nuclear economy, thus being part of the sustainable development strategy. Post-doc (f/m) will conduct scientific research related to the development and optimization of synthesis conditions for selected electro-organocatalytic reactions. Post-doc (f/m)'s tasks will include identifying new reaction pathways, optimizing reaction conditions and do the scope of the reaction. Post-doc (f/m) will also be obliged to prepare partial reports and scientific publications based on the results of the research. Post-doc (f/m) will be employed under an employment contract during the project implementation period.

NCN competition type: SONATA – BIS 12

Science group: NCH

Deadline for submitting offers: 2024-01-22

Form of submitting offers: e-mail



4. List of the required documents:

1. application for employment to the Rector of Lodz University of Technology;
2. 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;
3. Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
4. Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT; motivation letter
5. CV (with e-mail address provided), containing information on previous scientific achievements and distinctions resulting from research conducted so far (including, in particular, specification of publications in scientific journals, conference speeches, participation in research projects, internships, training and other distinctions research and scientific activities),
6. motivation letter
7. copy of doctoral diploma,
8. declaration of readiness to start implementing tasks under the Project no later than 1 February, 2024,
9. opinion of the current scientific supervisor

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

The documents should be sent electronically to the e-mail address anna.albrecht@p.lodz.pl **by January 22, 2024**. All required documents/attachments should be sent in the form of PDF files (the total size of the attached files should not exceed 10 MB).

People who meet the formal and project requirements may be invited to an interview. Information regarding a possible job interview will be sent to job applicants by e-mail.

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 – dr hab. inż. Anna Albrecht prof. PŁ,
e-mail: anna.albrecht@p.lodz.pl

6. The expected date of the announcement of the decision: 24.01.2024

7. Description of the employing unit

Institute of Organic Chemistry is one of the units of Chemical Department of the Lodz University of Technology. Was created in 1970 as a result of changes provided by Ministry of Science and Higher Education. The Institute is a scientific unit conducting research in the field of organic chemistry. The main lines of research concern the methodology of organic synthesis, asymmetric catalysis, synthesis and the use of organic catalysts with a strictly defined spatial structure. The important aspect of our research is understanding the mechanisms of organocatalytic reactions based on kinetic and synthetic techniques, particularly with nuclear magnetic resonance spectroscopy (NMR). Recently we also conducting research on mass spectrometer coupled with multidiversion liquid chromatograph. The Institute's research work is focused on practical use in industry and medicine. We also run many projects, foreign and national.



**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.....
(provided by the applicant)
 4. Education (where required for specific duties or jobs)
(name of school and graduation date)
.....
.....
(occupation, specialization, 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:

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 authorized 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.