



PhD Student-Scholarship Holder 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 80 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 centers 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.

Open call for applications for the "Electro-organocatalysis - New Opportunities in Asymmetric Synthesis" project, funded by the Sonata Bis program of the National Science Center

Project Manager: Dr. Anna Albrecht, DSc, Eng., University Professor

Number of Scholarships: 2

Position Title: PhD Student-Scholarship Holder at the Institute of Organic Chemistry, Faculty of Chemistry, Lodz University of Technology

Unit Name: Lodz University of Technology, Faculty of Chemistry, Institute of Organic Chemistry

The aim of the call is to select individuals who will be involved in research within the "Electro-organocatalysis - New Opportunities in Asymmetric Synthesis" project, carried out at the Faculty of Chemistry, Lodz University of Technology.

Requirements:

1. Completed higher education in chemistry/chemical technology or related fields (final-year Master's students may also apply after submitting a letter from their supervisor stating their graduation date by September 10, 2025),
2. Status as a PhD student at the Faculty of Chemistry, Lodz University of Technology at the time of commencing the Project,
3. Good knowledge and research interest in organic chemistry,
4. Knowledge of spectroscopic methods and their application to the identification of organic compounds,
5. Good command of English, both written and spoken,
6. Ability to work in a team, strong motivation and enthusiasm for research and further scientific development, creativity, and independence in planning and conducting experiments.

Task Description:

The aim of the project is to enhance the potential of organocatalysis by utilizing electrochemistry as a tool. We expect that this 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 leverage the



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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 under mild conditions and are characterized by high atom economy, thus aligning with the sustainable development strategy. As part of the project, the PhD Student-Scholarship Holder (f/m) will conduct research related to the development and optimization of synthesis conditions for selected electro-organocatalytic reactions. The PhD Student-Scholarship Holder (f/m) will be responsible for identifying new reaction pathways and optimizing reaction conditions. The PhD Student-Scholarship Holder (f/m) will also be required to prepare interim reports and scientific publications based on the results of the conducted research. The PhD Student-Scholarship Holder (f/m) will receive a stipend for the duration of the project.

Additional information:

1. This is an open competition. The recruitment process is based on the provisions of the "Regulations for the Award of Scholarships in Research Projects Funded by the National Science Centre" (Annex to NCN Council Resolution No. 25/2019 of March 14, 2019).
2. The selection committee will conduct interviews with candidates, which will take place after the application deadline. Candidates will be individually informed of the results of the first stage of the recruitment process and the interview dates.

Required documents:

1. cover letter,
2. curriculum vitae (with email address provided), containing information on previous scientific achievements and awards resulting from research conducted to date (including, in particular, publications in scientific journals, conference presentations, participation in research projects, internships, training courses, and other awards for research and scientific activity),
3. copy of master's diploma (students in their final year of master's studies may also apply after receiving a letter from their supervisor stating their graduation date by September 10, 2024),
4. document confirming the intention to apply for admission to the Interdisciplinary Doctoral School at Lodz University of Technology,
5. declaration of readiness to begin implementing the Project tasks no later than October 1, 2024,
6. opinion of the current supervisor,
7. consent to the processing of personal data in the following format:

"In accordance with the Act of August 29, 1997 on the Protection of Personal Data (consolidated text: Journal of Laws of 2002, No. 101, item 926, as amended), I consent to the processing of my personal data

contained in this documentation for the purposes of the open competition for participation in the project "Electro-organocatalysis - new possibilities in asymmetric synthesis" as part of studies at the Interdisciplinary Doctoral School at the Faculty of Chemistry, Lodz University of Technology, ul. Żeromskiego 116, 90-924 Lodz.

Please send applications and any additional questions regarding the recruitment to:

anna.albrecht@p.lodz.pl

Deadline for applications: September 26, 2025.



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Annex no. 1.1

to The OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT

**PERSONAL INFORMATION FORM FOR APPLICANTS FOR EMPLOYMENT AT
ŁODZ 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)
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.....
.....
(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
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.....

.....
(place and date)

.....
(signature of the applicant)



Data Privacy Statement for job candidates

1. The administrator of your data processed as part of the recruitment process is Lodz University of Technology (address: 90-924 Lodz, 116 Żeromskiego St., phone: +48 42 631 29 29), represented by the Rector as the employer.
2. At the Lodz University of Technology you can contact the Data Protection Officer at: iod@adm.p.lodz.pl phone: +48 42 631 20 39.
3. Lodz University of Technology will process your personal data to the extent indicated in the labor legislation for the purpose of the current recruitment procedure (Article 6(1)(b) of the GDPR), while other data, including contact data, on the basis of consent (Article 6(1)(a) of the GDPR), which may be revoked at any time.
4. Lodz University of Technology will process your personal data, also in subsequent recruitment of employees, if you give your consent (Article 6(1)(a) GDPR), which may be revoked at any time.
5. If the documents include data referred to in Article 9(1) of the GDPR, your consent to their processing will be required (Article 9(2)(a) of the GDPR), which may be revoked at any time. (Article 22 of the Labor Code and §1 of the Regulation of the Minister of Family, Labor and Social Policy of December 10, 2018 on employee records).
6. Personal data will be disclosed to persons acting under the authority of the controller and having access to personal data, processing them only on the instructions of the controller, unless required by European Union or Member State law.
7. Your data collected in the current recruitment process will be stored until the end of the recruitment process. In the case of your consent to the use of personal data for future recruitment, your data will be used until the end of the calendar year in which the recruitment process for which your application was submitted ended.
8. You have the right to:
 - a) the right to access your data and to receive a copy of it;
 - b) the right to rectify (correct) your personal data;
 - c) the right to restrict the processing of your personal data;
 - d) the right to delete your personal data;
 - e) the right to lodge a complaint with the President of the Personal Data Protection Office (to the address of the Personal Data Protection Office: 2 Stawki St., 00 - 193 Warsaw)

Information on data requirement: Your submitting personal data to the extent of Article 221 of the Labor Code is necessary to participate in the recruitment procedure. Your provision of other data is voluntary.

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



Candidate's consent to personal data processing under Article 7 GDPR

I consent to the processing of my personal data for the purpose and to the extent necessary to carry out the recruitment for the job in accordance with 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), publ. Official Journal of the EU L No. 119, p. 1. Consent is voluntary. Failure to give consent entails the inability to participate in the recruitment process. Consent may be withdrawn at any time, but without affecting the legality of the processing of personal data carried out on the basis of consent before its withdrawal.

.....
(date and signature of applicant)

* delete as appropriate