

**Nazwa stanowiska:** Student - scholarship holder in a research project

**Liczba stanowisk:** 1

**Nazwa jednostki:** Faculty of Chemical Technology, Poznan University of Technology

**Miejsce:** Poznan

**Link do strony www:** <https://fct.put.poznan.pl/>

**Wymagania:**

- Student status (Master's or bachelor student) in chemical sciences, biological sciences or a related discipline.
- Experience in laboratory work and knowledge of basic analytical, spectroscopic and microbiological techniques.
- Basic knowledge of the project's research area, including work with polymers.
- Fluency in written and spoken English.
- Independence, high motivation, problem-solving skills.
- Ability to work in a team.

**Opis zadań:**

Recruitment is for the OPUS 21 project entitled "Multilevel relationships between the presence of micro/nanoplastics (MNP) in soil and the amount and availability of water as well as sorption of model xenobiotics in terms of biodegradation kinetics and changes in soil microbial communities" funded by the National Science Centre.

The student will be responsible for:

- a) Literature research supporting experimental work and data interpretation related to micro-/nanoplastics and xenobiotics-soil and xenobiotics-microorganism interactions.
- b) Adsorption studies of model xenobiotics using a batch equilibrium method on different sorbents, including pristine and aged microplastics, soil systems and humic acids.
- c) Comparative sorption analysis of model xenobiotics in soil and soil amended with microplastics.
- d) Assessment of the biological activity and microbial toxicity of model xenobiotics, including determination of MIC and MBC values against selected Gram-positive and Gram-negative model microorganisms.

**We are offering:**

- Work in a rapidly developing research team,
- The opportunity to develop skills and gain experience in a wide range of chemistry and biology,
- The opportunity to participate in international conference and research internships,
- Support and a friendly working environment.

**Typ konkursu NCN:** OPUS-NZ

**Termin składania ofert:** 18.01.2026, 12:00 CET

**Forma składania ofert:** email

**Warunki zatrudnienia:**

- Student scholarship in the amount of 4 000 PLN per month
- Employment period: February 2026 - July 2026
- Selection results: January 2026

**Dodatkowe informacje:**

Interested persons are requested to send:

1. Curriculum vitae including a description of scientific achievements, information about awards, scholarships, internships abroad, participation in scientific conferences.
2. Motivation letter with a description of techniques used in research work.
3. Document confirming student status (e.g. certificate of enrolment issued by the university or a copy of a valid student ID card).

Additional information can be obtained from the project leader: prof. dr hab. inż. Łukasz Chrzanowski

Please send your application and questions by e-mail to: [lukasz.chrzanowski@put.poznan.pl](mailto:lukasz.chrzanowski@put.poznan.pl) (with the title "Student position OPUS 21").

Applications must be accompanied by the statements: I consent to the processing of my personal data for the purposes necessary for the recruitment process (in accordance with the Act of 10 May 2018 on personal data protection (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 (RODO)).

Poznan University of Technology reserves the right to close the competition without selecting a scholarship holder.

Each candidate will be informed about the decision by e-mail.