

## SCHOLARSHIP FOR A PHD STUDENT IN THE NCN OPUS PROJECT

We offer a research scholarship to PhD student for a time period of 24 months within NCN-funded project, OPUS 2022/45/B/ST8/02058. The planned research will be carried out in the Soft Matter Nanostructures research group in Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences.

### REQUIREMENTS

- university degree holder in field of chemistry, materials science, engineering and/or chemical technology or related discipline
- highly motivated and willing to acquire new knowledge/skills related to the planned research
- fluent in spoken and written English
- participation in the interview verifying the candidate's competencies
- current PhD status at the Krakow School of Interdisciplinary PhD Studies (KISD)

### TASK DESCRIPTION

Scientific work is planned as part of the NCN OPUS project "Biodegradable, biocompatible and interactive surfactants - as an ecologically safe alternative to synthetic compounds in the generation of foams and emulsions for cosmetic, medical and industrial applications". The doctoral student's tasks will include the work planned in the project, in particular, development of emulsions based on aqueous or oil-soluble biosurfactants, investigation of adsorption processes, emulsification, emulsion stability as reported by the effect of other chemical additives on the observed processes and stability of the obtained material. Additionally, the doctoral student's tasks will include analyzing the obtained research results and disseminating them in the form of scientific articles and conference presentations.

### EMPLOYMENT CONDITIONS

- A person selected in the competition will receive a NCN scholarship: 5 000 PLN (gross) per month.

### REQUIRED DOCUMENTS:

- curriculum vitae (CV) with a list of scientific achievements (scientific publications, awards, participation in conferences)
- a motivation letter
- diploma of completion of MA (or related) studies or a certificate of their completion
- confirmation of the status of PhD students at the Krakow School of Interdisciplinary PhD Studies (KISD).
- "Consent to the processing of personal data for the needs necessary to carry out the recruitment process" in accordance with the Act of 29 August 1997 on the protection of personal data (t.j. Dz. U. z 2016 r. poz. 922, z 2018 r. poz. 138, 723.) ([https://ikifp.edu.pl/wp-content/uploads/2021/04/Zgoda\\_rekrutacja\\_ENG.pdf](https://ikifp.edu.pl/wp-content/uploads/2021/04/Zgoda_rekrutacja_ENG.pdf)) and "Information obligations –recruitment of a perspective employee/collaborators" confirming acquainting with its content ([https://ikifp.edu.pl/wp-content/uploads/2021/04/OI\\_RekrutacjaPracWspolpraca\\_ENG.pdf](https://ikifp.edu.pl/wp-content/uploads/2021/04/OI_RekrutacjaPracWspolpraca_ENG.pdf)) (both documents filled and signed by the Candidate); (more information available on the website: <https://ikifp.edu.pl/en/gdpr/>)

### RECRUITMENT PROCESS

Applications should be sent in electronic form to: [sekretariat@ikifp.edu.pl](mailto:sekretariat@ikifp.edu.pl) oraz [marcel.krzan@ikifp.edu.pl](mailto:marcel.krzan@ikifp.edu.pl) with the subject title „OPUS-PhD-emulsion”.

**The deadline for submitting documents is September 30, 2024.**

The competition will be settled by October 1st, 2024. Candidates will be notified of the result by e-mail.

### ADDITIONAL INFORMATION

The Institute has adapted to the needs of the disabled. The Institute does not provide accommodation.