

Scholarship for PhD student in the NCN PRELUDIUM BIS project

Crownphyrins - hybrids of crown ethers and porphyrins, constituting macrocyclic platforms for the construction of two- and three-dimensional ligands and molecular receptors

The research project aims to develop novel variants of crownphyrins, hybrid macrocycles combining the structural features of crown ethers and porphyrins. These macrocycles will serve as platforms for constructing exciting ligands and two- and three-dimensional receptors for anions and neutral molecules. The project seeks to explore the unique coordination chemistry these crown ether-porphyrin hybrid macrocycles provide and study functional systems where the tailored cavity of crownphyrins will serve molecular recognition purposes.

Principal Investigator: Bartosz Szyszko

Organic Supramolecular Chemistry Group (www.bszyzsko.pl)

Faculty of Chemistry, University of Wrocław, Poland

Requirements:

1. A diploma or certificate of completion of a master's degree in chemistry
2. Experience in organic synthesis
3. Experience in self-assembly
4. Experience in analytical techniques: NMR, UV-Vis, mass spectrometry
5. Good command of spoken and written English

Salary/Scholarship: 48 months

– PLN 4266 per month until the month in which the mid-term evaluation of the doctoral student is conducted at the doctoral school,

– PLN 5341 per month after the month in which the mid-term evaluation of the doctoral student is conducted at the doctoral school.

In accordance with the Higher Education and Science Act of July 20, 2018, the scholarship will be reduced by the contributions resulting from the Higher Education Act.

Please apply by sending your CV and cover letter to:
bartosz.szyszko@uwro.edu.pl Deadline: 2024-07-03 23:59

