

Post-doctoral position

Towards supramolecular nanotopology: in search of new motives for the construction of molecular links and knots.

The primary research objective of the current research project is development of synthetic strategies yielding new ligands working as sub-components for self-assembly of original molecular links and knots. Their exploitation will allow to construct carefully designed topologies, but also assemble the otherwise inaccessible systems with new and exciting properties and functions.

Principal Investigator: Bartosz Szyszko, Faculty of Chemistry, University of Wrocław.
Poland

Up to 24 months, gross salary 120 000 PLN/year.

Requirements:

1. Multistep organic synthesis, including microscale work, and inert-atmosphere procedures.
2. Design and planning of complex synthetic sequences.
3. Experience with pyrrole-based dyes chemistry
4. Experience with spectroscopic methods, in particular NMR spectroscopy
5. Fluency in English
6. Record of providing supervision to graduate/undergraduate students
7. Knowledge of the current project-related literature

Please apply by sending your CV and cover letter to: bartosz.szyszko@uwr.edu.pl

Deadline: 2022-01-14 23:59



Uniwersytet
Wrocławski



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