



Recruitment for the OPUS-12 Project in the Team of Photocatalysis:

Remotely light-controlled activity in dyes, proteins, catalysts: imaging, sensing, energy conversion

Position: **PhD student**

Institution: Faculty of Chemistry, Jagiellonian University in Kraków, Poland

in cooperation with: Faculty of Physics, Astronomy and Informatics, Nicolaus Copernicus University, Toruń, Poland (NCU)

Institute of Physical Chemistry of the Polish Academy of Sciences, Warszawa, Poland (IPC PAS)

Period of stipend agreement: 33 months

Position starts on: January 1st, 2019

Stipend's amount: 3000 zloty/month (tax-free)

Selected goals of the project:

Within the project we intend to show that the energy of photons illuminating a nanowire can be transported to its other end, and that this energy is capable to activate and deactivate nanostructures, which are important from the point of view of photocatalysis or energy conversion.

Description of scientific interests of the Team of Photocatalysis and a brief project description can be found at www.photocatalysis.eu and www.fotokataliza.pl/opus-12/

Profile of candidates:

- ✓ master degree in chemistry or related disciplines (e.g. materials science)
- ✓ good background in inorganic chemistry, material science and photochemistry
- ✓ high motivation for scientific work
- ✓ research experience will be advantageous
- ✓ good command in English

Required documents:

- ✓ motivation letter with description of candidate's research interests
- ✓ curriculum vitae including: list of awards, papers, conference presentations, trainings
- ✓ degree certificates
- ✓ a letter of recommendation

Principal Investigator: prof. dr hab. Wojciech Macyk

Address for applications: macyk@chemia.uj.edu.pl

Closing date: November 16th, 2018

We thank all candidates for their interests. We will contact with the best candidates only.