

FORM FOR EMPLOYERS

INSTITUTION Institute of Organic Chemistry of the Polish Academy of Sciences

CITY Warsaw

POSITION post-doc

DISCIPLINE organic chemistry

POSTED 2024-12-18

EXPIRES 2025-02-02 23:59

WEBSITE <https://www.icho.edu.pl/en/>

KEY WORDS post-doc position, organic chemistry, catalysis, photocatalysis, synthesis

DESCRIPTION

Project/Grant title: SONATA 18 “Dual Catalytic System Based on Combination of MHAT and S_H2 Mechanisms: A Novel Platform for Formal Cross-Coupling of Transient Radicals”

- **Description of tasks:**

The main tasks will involve:

- investigation of new catalytic radical reactions including photo- or electrochemistry
- mechanistic investigations
- scope and limitation studies
- data analysis using state-of-the-art techniques (e.g. NMR, GCMS, CV)
- supervising students
- preparation of reports and publication manuscripts

- **Terms of employment:** full-time employment for 18 months, with salary funded by the NCN grant, 11666,66 PLN/ month (including employer costs, ~9800 PLN gross)

- **Benefits:**

- private medical care package,
- co-financing of sports cards

- **Career development opportunities:**

- work on ambitious projects in a young, dynamically developing team,
- access to state-of-the-art research infrastructure (NMR, MS, GCMS, photoreactors etc.),

- professional development in the field of catalysis, organic, and organometallic chemistry,
- opportunity to present research at international conferences,
- publications in high impact journals
- the possibility of further professional development at the IOC PAS

Requirements:

Maximum 7 years after completion of PhD – requirement of financing institution!

- **required competences**
 - PhD in organic chemistry
 - previous experience with synthetic chemistry laboratory techniques
 - previous experience in organic synthesis and/or catalysis
 - ability to analyse and interpret experimental data using state-of-the art techniques (NMR, MS, GC, HPLC)
 - analytical thinking and scientific problem solving skills
 - communicate well in English in writing and in oral presentation, be able to write reports in English
 - high self-motivation and strong work ethic
 - ability to plan and perform work independently and as a part of a team
- **desirable competences**
 - excellent organic chemistry knowledge
 - previous experience photocatalysis
 - creativity

Candidate evaluation criteria:

- scientific achievements measured by the quality and quantity of scientific publications, monographs, patents
- participation in research projects
- Candidate's professional experience
- creativity and independence in conducting research
- awards or distinctions
- opinions about the Candidate contained in the letters of recommendation
- English language knowledge enabling conducting scientific research

List of required documents:

- Candidate's *Curriculum Vitae*
- description of scientific achievements, including a list of publications, research projects, etc.
- diplomas and certificates confirming qualifications, completed courses, completed training, etc.
- minimum 2 letters of recommendation and references from previous employers/supervisors

Along with the required documents, please send a scan of a signed consent to the processing of personal data available at: <https://www.icho.edu.pl/en/cooperations/career/>

Deadline for submitting applications: 2025-02-02 23:59

Competition settlement date: 2025-02-14

Envisaged job starting date: 01.04.2025

Additional information

Project manager: dr Michał Ociepa

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Please apply by e-mail: rekrutacja@icho.edu.pl

ATTENTION! In the title of the e-mail, please enter “Recruitment – Michał Ociepa”