

FORM FOR EMPLOYERS

INSTITUTION: Institute of Organic Chemistry of the Polish Academy of Sciences

CITY: Warsaw

POSITION: Post-doc

DISCIPLINE: Chemistry

POSTED: 11.01.2022

EXPIRES: 30.01.2022

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

KEY WORDS: *chiral N-heterocyclic carbene ligands, gold catalysis*

Project/Grant title: New N-heterocyclic carbene gold complexes: from catalytic activity to medical applications

Number of positions available: 1

Researcher profile: R2/R3

Job description:

- **Description of tasks:** *The work will be focused on the preparation of chiral N-heterocyclic carbene gold complexes, their characterization by selected analytical and spectroscopic methods, application in selected enantioselective reactions, and the preparation of materials for publications, reports, and presentations.*
- **Envisaged job starting date:** 1 March 2022

Offer:

- **Terms of employment:** *full time, temporary, 16 months, gross salary (including employer's costs) 10,000 PLN per month;*
- **Benefits:** *private medical care package*
- **Career development opportunities:** *work in a young, dynamically developing team, access to research infrastructure, professional development in the field of gold catalysis, the possibility of further professional development at the IOC PAS*

Requirements:

- **required competences:**
 - PhD in chemical sciences (or related sciences) obtained no later than 7 years before hiring in the project (this period is extended by the duration of maternity/paternity leaves, according to National Science Center rules) or the expected date of obtaining the doctoral degree before starting work;
 - good knowledge of organic chemistry;
 - documented scientific achievements;
 - effective written and oral communication skills in English
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- **desirable competences:**
 - creativity, independence and responsibility;
 - experience in applying of broad range of spectroscopy techniques (NMR, IR, MS) for the determination of structure of organic compounds and purification methods;
 - strong ability to guide and train students in experiment design and operation.

Candidate evaluation criteria:

- scientific achievements measured by the quality and quantity of scientific publications or granted/pending patents
- Candidate's professional experience
- knowledge of organic chemistry
- career mobility (research internships, work in industry, change of scientific profile)
- opinions about the Candidate contained in the letters of recommendation
- language knowledge enabling conducting scientific research

List of required documents:

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

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

Deadline for submitting applications: 2022-01-30 23: 59

Competition settlement date: 2022-02-15

The form of submitting applications: mail: rekirutacja@icho.edu.pl

Additional information:

Project manager: dr hab. Michał Michalak

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Secretariat

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ATTENTION! In the title of the e-mail, please enter "Recruitment – Michal Michalak"