

FORM FOR EMPLOYERS

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

CITY: Warsaw

POSITION: Post-doc

DISCIPLINE: organic chemistry

POSTED: 14.01.2025 r.

EXPIRES: 10.02.2025 r.

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

KEY WORDS: **organic synthesis, homogenous catalysis, photocatalysis, red light**

RED LIGHT – A TOOL FOR ORGANIC AND BIOORTHOGONAL CHEMISTRY

Number of positions available: 1

Researcher profile: R2/R3

Job description:

Description of tasks:

Developing red light-induced bioorthogonal reactions, determining reactions' mechanism based on physicochemical experiments, testing developed reactions on model, short peptides and oligonucleotides, supervising Ph.D. students on a daily bases, preparation of manuscripts.

- **Envisaged job starting date: 01.03.2025 r.**

Offer:

Type of contract:

- salary including employer's costs 10 000 PLN per month (~ 8 300 PLN gross)
- full-time employment for 13 months

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

Career development opportunities:

- work in dynamic team,
- access to research infrastructure,
- professional development in the field of photocatalysis,
- the possibility of further professional development at the IOC PAS

Requirements:

PhD degree in chemistry (specialization: organic chemistry), awarded no earlier than 7 years before employment in the project (with exceptions in accordance with NCN regulations), or expected date of obtaining the PhD degree prior to starting the position.

Required competencies

- Excellent knowledge of organic and organometallic chemistry;
- Experience in cobalt complex chemistry;
- Proficiency in analytical techniques, such as NMR, HPLC, GC;
- Fluency in English (spoken and written) sufficient for independent scientific work;
- Scientific achievements documented by publications in recognized journals;
- Commitment to research activities.

Desired competencies

- Previous experience in photochemistry or theoretical chemistry (DFT calculations) is highly desirable;
- Independence in scientific work;
- Decision-making skills;
- Teamwork ability;
- Responsibility and accountability;
- Capacity to share knowledge and mentor students effectively.

Candidate evaluation criteria:

- scientific achievements measured by the quality and quantity of scientific publications or granted/pending patents
- knowledge of organic chemistry
- Candidate's professional experience
- career mobility (research internships, work in industry, change of scientific profile)
- awards or distinctions
- 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,
- cover letter
- two 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: 10.02.2025 r., 9:00

Competition settlement date: 24.02.2025 r.

Additional information

Project manager: prof. Dorota Gryko

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Secretariat

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

ATTENTION! In the title of the e-mail, please enter "Recruitment – Dorota Gryko"