

FORM FOR EMPLOYERS

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

CITY: Warsaw

POSITION: Post-doc

DISCIPLINE: Chemistry

POSTED: 19.11.2024

EXPIRES: 29.11.2024

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

KEY WORDS: *synthetic chemistry, functional aromatic compounds, OLEDs*

Project/Grant title: "Ambipolar, bowl-shaped polyaromatic compounds with manifold, precisely arranged, nitrogen dopants. Unprecedented class of efficient OLED emitters (BOwLEDs)"

OPUS 23, 2022/45/B/ST4/00800

Number of positions available: 1

Researcher profile: R2/R3

Job description:

The scope of responsibilities includes analyzing literature on non-planar organic compounds, TADF active materials, nanographene chemistry, aromatic compounds, and transformations enabling the realization of proposed synthesis pathways. It also involves optimizing and conducting organic syntheses in the laboratory, purifying and isolating intermediates using methods such as precipitation, maceration, crystallization, and column chromatography. Additionally, it includes identifying obtained compounds using spectroscopic tools, critically analyzing the results, presenting findings (team seminars), and preparing biweekly written reports.

- **Envisaged job starting date: 02.01.2025**

Offer:

Terms of employment: salary including employer costs: 11 660 PLN per month (~9770 PLN gross), full-time employment, employment for 12 months with the possibility of extension

- **Benefits:** private medical care package

Career development opportunities:

- work in dynamic team,
- access to research infrastructure,
- professional development in the domain of functional aromatic materials;
- the possibility of further professional development at the IOC PAS

Requirements:

- PhD in organic chemistry obtained not earlier than in 2015. This period is extended by the duration of maternity/paternity leaves (according to NSC rules)

required competences

- strong skills in synthesis of aromatic compounds;
- data analysis and interpretation, especially in trouble shooting during the research;
- excellent reaction trouble shooting ability;
- experience in safe handling of air-sensitive materials;
- effective written and oral communication skills in English

desirable competences

- creativity, independence and responsibility
- 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
- 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

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/>

Competition settlement date: 20-12-2024

Project manager: Marcin Lindner, PhD

Phone: 22 343 2106

e-mail: marcin.lindner@icho.edu.pl

The form of submitting applications: e-mail: rekrutacja@icho.edu.pl

ATTENTION! In the title of the e-mail, please enter "Recruitment – Marcin Lindner"