

## FORM FOR EMPLOYERS

INSTITUTION: Institute of Organic Chemistry PAS

CITY: Warsaw

POSITION: Research Assistant

DISCIPLINE: organic chemistry

POSTED: 09.06.2023 r.

EXPIRES: 10.07.2023 r.

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

KEY WORDS: Polycyclic aromatic hydrocarbons, fluorescence, heterocycles, acenes, organic electronics

DESCRIPTION (field, expectations, comments):

**Project/Grant title:** Donor-acceptor-doped acenes and cyclacenes

**Number of positions available:** 1

**Researcher profile:** R2

**Job description:**

- **Description of tasks:** Key responsibilities include the synthesis of acene and cyclacene analogues doped with donor and acceptor heteroatoms, in particular: synthesis of building blocks and precursors, purification of products, complete chemical, spectral, and photophysical characterization of the obtained products, documentation of the experiments, and participation in the preparation of scientific publications.
- **Envisaged job starting date:** 01.09.2023

**Offer:**

- **Terms of employment:**

- gross 11666.67 PLN (brutto/brutto) per month, net ca. 7000 PLN (ca. 1560 EUR), for two years with possible extension to three years
- **Benefits:** Private medical care package, co-financing of sports cards.
- **Career development opportunities:** Access to advanced research infrastructure, professional development in the field of organic synthesis, the possibility of cooperation with foreign research centres, participation in international conferences.

#### **Requirements:**

- **required competences**
  - MSc in chemistry or related field
  - Expertise in organic chemistry (knowledge of chemistry of polycyclic aromatic compounds and chemistry of heterocyclic compounds will be an advantage)
  - Laboratory work experience
    - Knowledge of basic spectroscopic techniques used to characterize organic compounds (NMR, MS, UV-Vis, IR)
- **desirable competences**
  - Independent and critical thinking, problem solving and work organization skills
  - Proficiency in English.

#### **Candidate evaluation criteria:**

- knowledge of organic chemistry
- scientific achievements measured by the quality and quantity of scientific publications or granted/pending patents
- Candidate's professional experience in research
- awards or distinctions
- opinions about the Candidate contained in the recommendation letters
- language knowledge enabling conducting scientific

#### **List of required documents:**

- Candidate's CV
- Achievements description
- Academic transcript
- Copy of PhD diploma
- Cover letter
- Recommendation letters
- consent to the processing of the Candidate's personal data for the purposes of the competition

*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/>*

**Competition settlement date:** 2023-07-25

**The form of submitting applications:** e-mail: [rekutacja@icho.edu.pl](mailto:rekutacja@icho.edu.pl)

**Additional information:**

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**ATTENTION! In the title of the e-mail, please enter "Recruitment – Marek Grzybowski"**