

FORM FOR EMPLOYERS

INSTITUTION: Nicolaus Copernicus University,
Faculty of Chemistry

CITY: Toruń

POSITION: assistant (lecturer) - research staff (asystent - grupa badawcza)

DISCIPLINE: The Field of Exact and Natural Sciences, - Chemical Sciences,

POSTED: 2025-10-08

EXPIRES: 2025-11-23

WEBSITE: <http://www.umk.pl/en/jobs/?task=offer&action=one&id=4804>

KEYWORDS: organic chemistry, fluorescent dyes, organic synthesis

DESCRIPTION (FIELD, EXPECTATIONS, COMMENTS):

The competition is open to persons who meet the conditions set out in Article 113 of the Act of 20 July 2018 - Law on higher education and science (Journal of Laws of 2018, item 1668) and the following qualification criteria:

- Field-specific education in chemistry;
 - A doctoral degree in the discipline of chemical sciences;
 - Knowledge in the discipline of chemical sciences in the areas of organic chemistry, organic synthesis, photophysics of dyes, design and functionalisation of fluorescent compounds confirmed by the subject of original scientific publications;
 - Research experience in higher education institutions, confirmed by a record of scientific achievements in the discipline of chemical sciences;
 - Knowledge and ability to conduct scientific research using methods such as: NMR, IR, UV-vis, fluorescence (steady-state and time-resolved), XRD confirmed by publications or described in the PhD thesis
 - Fluency in data analysis with the use of specialised software (examples: TopSpin, Origin, FAST from Edinburgh Instruments) and basic knowledge of the Latex system.
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- Completed national and international scientific internships;
 - High motivation for scientific research work,
 - English language at a level enabling to communicate in speech and writing;
 - Ability to write and edit scientific articles in English, confirmed by publications.

Tasks within the project:

1. Synthesis of substrate to be used in next steps of the process and synthesis of final dyes, their separation, purification and structural characterisation.

2. Preparation and guiding experiments related to photophysical studies of dyes.
3. Collection of data, analysis and preparation for manuscript submission.
4. Guiding undergraduate students in the laboratory of organic synthesis.
5. Presentation of results during regular group meetings and at conferences.

Documents required:

- Cover letter
- Personal questionnaire for the person applying for employment
- Professional curriculum vitae
- Copy of higher education diploma
- Copy of doctorate certificate
- Information about scientific, didactic and organizational achievements (abstract comprising candidate's most important areas of research, and scientific, educational, and other achievements)
- List of publications (including the publishing house/journal, year of publication, and page number)
- Declaration of consent to the processing of personal data contained in the job offer for the needs of the recruitment process, in accordance with the Regulation (EU) 2016/679 of the European Parliament and of The Council of 27 April 2016 (L119/1)
- Declaration under art. 113 ust. 1 ustawy Prawo o szkolnictwie wyższym (o niekaralności) (Art. Paragraph 113 (1) of the Higher Education Act (of no criminal record))
- Declaration that Nicolaus Copernicus University in Toruń will be my primary employer once I have won the contest

Documents should be submitted before 23rd November 2025.

The contest will be adjudicated no later than 10th December 2025.

Your expected employment will commence on 1st March 2026.

The university does not provide accommodation.

Forms to be downloaded: <http://www.umk.pl/en/jobs/forms/>

Please be informed that the person selected through the competition will be obliged to submit a certificate from the National Criminal Register with regard to offences specified in Chapters 19 and 25 of the Penal Code (including offences against sexual freedom and morality), in Article 189a and Article 207 of the Penal Code and in the Act on Counteracting Drug Addiction of 29 July 2005 (Journal of Laws of 2023, item 1939 and of 2022, item 2600), or for the corresponding offences defined in foreign law. The obligation to verify applies to a person whose tasks will be related to the protected activity referred to in Article 21. of the Act of 13 May 2016 on counteracting the threat of sexual offences and the protection of minors (Journal of Laws of 2024, item 560).

Pursuant to art. 24 paragraph 6 of the Act of June 14, 2024 on the protection of whistleblowers (Journal of Laws of 2024, item 928), information on the internal reporting procedure at the Nicolaus Copernicus University in Toruń is available at: <https://www.umk.pl/en/contact/internal-reporting/>

POSTAL ADDRESS TO WHICH THE APPLICANT CAN SEND DOCUMENTS IF HE DOES NOT WANT TO USE THE ON-LINE SYSTEM:

Please send application to e-mail: borys.osmialowski@umk.pl using the subject "Opus, post-doc position". We reserve the right to contact selected individuals.

Wydział Chemii UMK

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