



CeNT-01-2026

**Director of Centre of New Technologies of the University of Warsaw, with the Project Leader, announces opening of the competition for the position of PhD Student in the Laboratory of Chemical Synthesis Methodology – Centre of New Technologies of the University of Warsaw.**

## JOB OFFER

Position in the project:	PhD Student
Laboratory:	Laboratory of Chemical Synthesis Methodology
Scientific discipline:	Chemical sciences (organic chemistry)
Keywords:	organic synthesis methodology; organic electrochemistry; hypervalent iodine; oxidation reactions
Job type (employment contract/stipend):	stipend
Number of job offers:	2
Remuneration/stipend amount/month:	4971.20 PLN gross gross during the first 24 months; 6259.00 PLN gross gross during the following 10 months
Position starts on:	1 March 2026 or soon as possible after the date
Maximum period of contract/stipend agreement:	34 months with the possibility of extension
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Assoc. Prof. Marcin Kalek
Project title:	Electrochemical oxidations through hypervalent iodine redox catalysis
NCN programme:	OPUS 27
Project description:	<p>The principal aim of the planned research is to develop novel, highly useful synthetic methods, based on electrochemical oxidations mediated by hypervalent iodine species. The project will also involve mechanistic investigations.</p> <p>Information about the research carried out at the Laboratory of Chemical Synthesis Methodology can be found at: <a href="http://lcsm-kalek.cent.uw.edu.pl/">http://lcsm-kalek.cent.uw.edu.pl/</a></p> <p>For additional information, please contact: <a href="mailto:m.kalek@cent.uw.edu.pl">m.kalek@cent.uw.edu.pl</a></p>
Key responsibilities include:	<ul style="list-style-type: none"><li>- work in a chemical laboratory: preparation of substrates and catalysts; optimization of new electrosynthetic reactions; exploration of their scope; mechanistic investigations</li><li>- writing research reports</li><li>- preparing manuscripts</li></ul>
Profile of candidates/requirements:	<p>The competition is open for persons who meet the conditions specified in the regulations on the allocation of resources for the implementation of tasks financed by the National Science Centre for Opus-27 grant<sup>1</sup>.</p> <p>We require:</p>

<sup>1</sup> Annex to NCN Council Resolution No 25/2024 of 4 March 2024



- MSc degree in organic chemistry or related disciplines; the MSc degree should be obtained before the date of employment in the project
- knowledge and experience in organic chemistry, with the focus on chemical synthesis
- proficiency in English
- high motivation for research work
- experience in electrosynthesis will be an additional advantage

1. Cover letter.
2. Current curriculum vitae with a list of scientific achievements.
3. Transcript of records from the undergraduate (B.Sc. and M.Sc.) programs.
4. Copy of MSc certificate.
5. Document confirming the status of PhD Student (to be provided before starting work in the project).
6. Signed [information on the personal data processing](#) (a scan).

Before entering the competition, candidates are obliged to familiarise themselves with [Internal Reporting Procedure](#).

Required documents:

We offer:

- Doctoral stipend
- Work in a young, international vibrant team
- Opportunity to conduct high profile research
- Laboratories featuring top-level equipment in a newly-constructed Centre of New Technologies building

Please submit the following documents to: E-mail to: [m.kalek@cent.uw.edu.pl](mailto:m.kalek@cent.uw.edu.pl)

Application deadline: 15 February 2026

Date of announcing the results: 25 February 2026

Method of notification about the results: The ranking list will be posted at <http://lcsm-kalek.cent.uw.edu.pl/vacancies.html> and on the CeNT UW website; applicants will be also informed about the results by e-mail.