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Wydział Chemii



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### Call for Applications

for a Postdoctoral Position (Adjunct in the group of research staff) within the NCN OPUS 27 project no. 2024/53/B/ST5/04311: "Liquid Crystal Templates for the Synthesis of Morphologically Chiral Perovskite Nanocrystals with Enhanced Emission Dissymmetry." Principal Investigator: Dr. hab. Wiktor Lewandowski, Prof. of the University of Warsaw.

We invite applications for a full-time postdoctoral position in the field of natural sciences, in the discipline of chemical sciences. Number of positions available: 1. Career Stage: R2. The position does not involve activities subject to child protection regulations. Applications from individuals of all genders are welcome.

A person who obtained a doctoral degree no earlier than 7 years before the year of employment in the project (this period may be extended in some cases) and meets the formal requirements of the National Science Centre included in the regulations for granting funds for the implementation of tasks financed by the National Science Centre in the field of research projects for the OPUS27 competition may be employed in the post-doc position: [https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala23\\_2024-zal1.pdf](https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala23_2024-zal1.pdf)

### Requirements:

- PhD in chemistry, materials science, chemical engineering, or related fields (must be obtained no later than the employment start date),
- Documented experience in the synthesis of perovskite nanocrystals and/or morphologically chiral nanoparticles, supported by publications,
- Experience in developing new synthetic methods for nanoparticles,
- Experience in laboratory work, experiment planning, data analysis, and supervising PhD students and/or undergraduates,
- Good command of English,
- Ability to work in a team,
- Fulfillment of the conditions set forth in Article 113 of the Polish Law on Higher Education and Science of July 20, 2018 (Journal of Laws 2024, item 1571).

### Job Responsibilities:

1. Planning and conducting research related to the development of new methods for the synthesis of perovskite nanocrystals.
2. Preparation of composite materials comprising perovskite nanocrystals and organic compounds.
3. Performing physicochemical characterization of the resulting nanomaterials and composites.
4. Supervision of PhD candidate(s) and student(s).
5. Maintaining scientific documentation related to ongoing research.
6. Data analysis, report writing, and preparation of scientific publications in collaboration with the project PI.
7. Dissemination of project results through conference presentations and scientific publications.



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#### Assessment criteria:

1. Laboratory experience related to the project topic (materials chemistry, synthesis of chiral nanomaterials, synthesis of plasmonic or perovskite nanomaterials)
2. Previous achievements (including publications, awards)
3. Interview

#### Terms of Employment:

Full-time employment contract. Expected start date between November 2025, and December, 2025. The initial contract duration is 12 months (with possible extension). Work will be conducted at the Faculty of Chemistry, University of Warsaw. We offer professional development opportunities - <https://rekrutacja-i-rozwoj.bsp.uw.edu.pl/en/development-opportunities-and-working-conditions-at-the-university-of-warsaw/>. During the employment period at the University of Warsaw, the candidate shall not receive remuneration from any other employer under an employment contract, including employers based outside Poland. No teaching obligations are associated with this position. Research will be conducted in the Biological and Chemical Research Centre (CNBCh) and the Faculty of Chemistry.

#### Required Application Documents:

- ✓ Curriculum vitae (CV),
- ✓ Motivation letter,
- ✓ Short description (½ page) of the candidate's most significant scientific achievement,
- ✓ List of publications, research internships, fellowships, awards, and involvement in research projects,
- ✓ Copy of PhD diploma,
- ✓ Scientific reference letter written by an experienced researcher.

Complete applications should be sent via email to: [wlewandowski@chem.uw.edu.pl](mailto:wlewandowski@chem.uw.edu.pl) by **24.08.2025**.

Applicants with disabilities or special needs are encouraged to indicate any accessibility requirements for the recruitment process in their submission.

**The results of the recruitment process will be communicated via email by 19.09.2025.**

We reserve the right to close the recruitment without providing reasons, and to invite only selected candidates for an interview. If the selected candidate declines the offer, the position may be offered to the next candidate on the ranking list.

We use:

- [The policy of open, transparent and merit-based recruitment at the University of Warsaw](#)
- [The procedure for whistleblowers reporting cases of law violation at the University of Warsaw](#).
- [University of Warsaw gender equality plan](#).

Information about the processing of personal data for a job applicant at the University of Warsaw is available [HERE](#).