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Warszawa, 4.02.2025 r.

WCH.1210-3/2025

An announcement

for the position of **Research Associate (Postdoc)** (group of research staff) within the SONATA BIS project titled "**True Bioisosteres – Structural and Thermodynamic Classification of Molecular Fragments for Ligand Design**", funded by the National Science Centre (No. DEC-2021/42/E/ST4/00229).

**Project Leader:** Dr. Maura Malińska

**Number of positions:** 1

**Key responsibilities:**

- Conducting and analyzing supramolecular structures obtained by X-ray diffraction.
- Performing theoretical calculations using the DFT method.
- Maintaining scientific documentation.
- Preparing publications based on research results.
- Training PhD students and students in theoretical research.

**Required qualifications:**

- PhD degree in chemical sciences (candidates with an open PhD dissertation process will also be considered) or related fields.

**Preferred qualifications:**

- Ability to work in a team.
- Good command of English (at least B2 level).
- Experience in conducting DFT calculations.
- Proficiency in X-ray data analysis.
- Scientific writing skills.
- Motivated and proactive approach to work.

**Additional qualifications:**

- Experience in performing simulations for crystalline materials.
- Experience in searching small molecule databases, structural databases, and conformational analysis.
- Familiarity with aspherical scattering factor models (TAAM, HAR).

**Personal qualities:**

- Highly organized, conscientious, and reliable team player with attention to detail.
- Excellent communication and presentation skills to convey complex ideas and results to non-experts.

The candidate must meet the requirements set out in Article 113 of the Act on Higher Education and Science of 20.07.2018 (Journal of Laws of 2024, item 1571).

**We offer:**

- Total gross salary of 12,000 PLN/month.
- Extensive support in skill development.



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- Employment contract with the University of Warsaw (full-time/contract) for 24 months, with the possibility of extension.

**Required application documents:**

- Curriculum Vitae (CV).
- Personal data processing information (downloadable at: <http://www.chem.uw.edu.pl/oferty-pracy/>).
- Statement of acknowledgment and acceptance of competition regulations at UW (downloadable at: <http://www.chem.uw.edu.pl/oferty-pracy/>).
- Cover letter.
- Two reference letters with current contact details of the authors.
- List of publications.
- A brief description of the most significant scientific achievement.

**Employment conditions:**

- Full-time employment.
- Work for 24 months (planned from 1<sup>st</sup> April 2025), at the Faculty of Chemistry, University of Warsaw, with the possibility of extension.
- Gross salary: 12,000 PLN/month.

**Application deadline:** March 6, 2025

Applications should be sent to the email address: [mmalinska@chem.uw.edu.pl](mailto:mmalinska@chem.uw.edu.pl)  
The decision of the competition committee will be communicated to candidates via email/telephone by March 20, 2025.

The competition is the first stage of the employment procedure for the position of an academic teacher, and its positive outcome will form the basis for further proceedings.

Information on the procedure for internal reporting at the University of Warsaw  
Pursuant to the Law on Protection of Whistleblowers of June 14, 2024.

The University of Warsaw has a procedure for whistleblowers to report violations of the law and take follow-up action - Internal Reporting Procedure, attached to Order No. 94 of the Rector of the UW dated September 17, 2024 on the Law on Procedure for Whistleblowers to Report Violations of the Law and Take Follow-up Action at the University of Warsaw, published and available in the UW [Monitor of 2024, item 266](#).