



UNIwersytet  
Warszawski

Wydział Chemii



Warsaw, 31.01.2025

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### An announcement for post-doc position

Position of post-doc (adiunkt) (a group of research positions) in the OPUS 27 project entitled "Bio-QCr: Employing the Full Potential of 3D Electron Diffraction in Macromolecular Crystallography Using Quantum Crystallography" financed by the National Science Centre, Poland is open for application. Project leader: prof. dr hab. Paulina M. Dominiak. For more details see <http://4xeden.uw.edu.pl/2025/01/18/bio-qcr/>

The post-doc (adiunkt w grupie pracowników badawczych) will conduct research in exact and natural sciences, in discipline of chemistry. Available positions: 1.

#### We are looking for motivated candidates:

- with a PhD degree in exact or natural sciences with preference for chemistry, bioinformatics, structural biology or biophysics – held on the first day of the contract (applications from PhD students are accepted) and obtained no earlier than 7 years before employment. This period may be extended by: 1) a time of long-term (in excess of 90 days) documented sick leaves or rehabilitation leaves granted on account of being unfit to work; 2) the number of months of a child care leave granted pursuant to the Labour Code; 3) in case of women, by 18 months for every child born or adopted, whichever manner of accounting for career breaks is preferable
- proven experience in programming, preferred in C, C++ and Python
- knowledge of crystallographic and computational chemistry/biology programming
- experience with protein crystal structure refinement will be an advantage
- well-developed analytical skills
- written and spoken presentation skills
- proficiency in report writing
- good knowledge of written and spoken English
- ability to work as part of a team

The candidate must meet the requirements of art. 113 of the Act - Law on Higher Education and Science dated July 20, 2018 (Journal of Laws of 2024, item 1571).

#### Main duties:

- conducting research activities dedicated to development of DiSCaMB software library (<https://github.com/discamb-project/DiSCaMB>), integration of DiSCaMB library and MATTS data bank with Phenix, running a large number of IAM/TAAM refinements on XRD or 3DED/microED data for protein crystals, carrying out comparative analyses
- keeping scientific documentation and writing scientific articles

**We offer:**

a temporary contract with the University of Warsaw (full time position/employment contract) starting from **April 2025** for 24 months (with a possible extension up to **48 months**) and a salary approx. 12 000 PLN gross total per month (including taxes and employer costs plus UW benefits). It is allowed to start work at a later date for important reasons.

**Required documents (in English):**

- Curriculum Vitae (including list of scientific articles, conference presentations, awards, international internships, scholarships, workshops, participation in research projects)
- motivation letter (What are your scientific interests? What are your key strengths and achievements? Why do you want to work in the project?)
- copy of the PhD diploma or a certificate of doctoral defense date
- two dedicated to this announcement recommendation letters (including your current supervisor or employer) sent by the referees directly to prof. Dominiak (pdomin@chem.uw.edu.pl)
- information on the processing of personal data (the template available at the bottom of the page: <http://www.chem.uw.edu.pl/oferty-pracy/> )
- declaration of reading and acceptance of the rules for conducting competitions at the University of Warsaw (the template available at the bottom of the page: <http://www.chem.uw.edu.pl/oferty-pracy/> )

Please submit the documents **no later than 2.03.2025** to: **pdomin@chem.uw.edu.pl** (PDF is the preferred format). E-mail entitled: "Bio-QCr post-doc position"

The documentation submitted by the candidates will be assessed by a Committee chaired by the PI. Only candidates who submit complete documentation will be considered in the recruitment procedure. Selected candidates may be invited by e-mail, no later than **7.03.2025**, to participate in the interview. In the case of not signing the contract by the candidate, due to the resignation, we reserve the right to choose the next candidate from the ranking list. The competition may be repeated until a suitable candidate who fulfils all requirements is found.

The results of the competition will be given by e-mail till **20.03.2025**.

The competition is the first stage of the employment procedure as an academic teacher, and its positive outcome is 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](#).