



UNIwersYTET  
WARSAWski  
Wydział Chemii



Warszawa, 26.09.2018

### **An announcement for Post-doctoral position**

Position of **Post-doctoral Researcher** in the OPUS project entitled

*"More accurate models of the electrostatic potential of biological macromolecules and organic crystals necessary for proper interpretation of data from cryo-electron microscopy and from electron diffraction – feasibility study"*

financed by NCN is open for application.

Project leader: dr hab. Paulina M. Dominiak, prof. UW

Available positions: 1

#### **Project description:**

The Dominiak's group works on developing new methods of electron density modelling for X-ray and electron crystallography, chemistry and structural biology. The project aims at development of new models of electrostatic potentials for electron crystallography. The models will considerably deviate from the conventional spherical independent atom model currently used. With new models more information should be extracted from electron scattering experiments on biological macromolecules and organic crystals, and improved quality of geometric data and quantitative estimates of molecular electrostatic potentials should become easily available. For further information see <http://cnbch.uw.edu.pl> and <http://crystal.chem.uw.edu.pl>.

#### **Position description:**

You will be mainly responsible for development and verification of new databanks of atomic electron densities on the basis of existing procures published in: Acta Cryst. 2012, A68, 139; JCTC, 2014, 10, 1652; ChemPhysChem, 2016, 17, 2455; Acta Cryst. 2017, B73, 610.

#### **We are looking for motivated candidates with:**

- a PhD degree in chemistry or related fields at the moment of starting the job (PhD defended not later than 7 years ago according to NCN regulations, see [www.ncn.gov.pl](http://www.ncn.gov.pl))
- experience in crystallography OR/AND computational chemistry proven by scientific article publications
- knowledge of macromolecular crystallography OR/AND proven experience in high-resolution x-ray diffraction charge density measurements
- basic programming skills OR/AND practical experience in script usage/writing and proven ability to work with large amount of data
- experience with structure refinement against electron diffraction or single particle cryoEM data will be an advantage
- well-developed analytical skills
- good knowledge of written and spoken English
- written and spoken presentation skills
- ability to work as part of a team

**We offer:**

a temporary employment contract with the University of Warsaw:

- full time position
- a salary approx. 5000 PLN per month (net salary, after taxes and other deductions)
- for one year with a possible extension upto three years
- appointment starting in November 2018 (the competition may be repeated until a suitable candidate who fulfils all requirements is found)

**Required documents (in English):**

- Curriculum Vitae (including list of scientific articles, conference presentations, awards, international internships, scholarships, workshops, participation in research projects),
- a motivation letter (What are your scientific interests? What are your key strengths and achievements? Why do you want to work in the project?),
- information on the processing of personal data (see the text below),
- two recommendation letters (at least one from direct supervisor) sent by the referees directly to prof. Dominiak ([pdomin@chem.uw.edu.pl](mailto:pdomin@chem.uw.edu.pl)).

Please submit the documents **no later than 26 October 2018** to: [pdomin@chem.uw.edu.pl](mailto:pdomin@chem.uw.edu.pl) (PDF is the preferred format). E-mail entitled: "Post-Doc position"

Selected candidates may be invited by e-mail, no later than **30 October 2018**, to participate in interview. The interview will take place on **5 or 6 November 2018** in person or via Skype or phone. The results of the competition will be delivered to selected candidates by e-mail till **15 November 2018**. 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.

## INFORMATION ON THE PROCESSING OF PERSONAL DATA

### INFORMATION CLAUSE

Pursuant to Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), University of Warsaw hereby informs:

1. The Controller of your personal data is the University of Warsaw with its registered office at Krakowskie Przedmieście 26/28, 00-927 Warszawa;
2. The Controller has designated the Data Protection Officer who supervises the processing of personal data, and who can be contacted via the following e-mail address: [iod@adm.uw.edu.pl](mailto:iod@adm.uw.edu.pl);
3. Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw;
4. The provided data will be processed pursuant to Article 22<sup>1</sup> § 1 of the Act of 26 June 1974 Labor Code (uniformed text: Dz.U. of 2018, item 917) and your consent for processing of personal data;
5. Provision of data in the scope stipulated in the Labor Code is mandatory, and the remaining data are processed according to your consent for processing of personal data;
6. The data will not be shared with any external entities;
7. The data will be stored until you withdraw your consent for processing of personal data;
8. You have the right to access your personal data, to rectify, erase them, restrict their processing, object to processing, and to withdraw the consent at any time;
9. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data.

### CONSENT CLAUSE

I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw.

I have been informed of my rights and duties. I understand that provision of my personal data is voluntary.

.....  
(place and date)

.....  
(signature of the person applying for employment)