



University of Warsaw
Biological and Chemical
Research Centre

An experienced Postdoctoral Researcher position available!

The project “Core facility for crystallographic and biophysical research to support the development of medicinal products” is funded by the **TEAM-TECH Core Facility** programme from the **Foundation for Polish Science**. The project will establish a **Core Facility for Crystallography and Biophysics** (CFCB) at the Biological and Chemical Research Centre, University of Warsaw under the supervision of **Prof. dr hab. Krzysztof Woźniak**.

The mission of the new Facility will be analysis of proteins and small chemical compounds (molecules) leading to crystallization trials for academic and commercial users. The project will enable the study of challenging biochemical and pharmaceutical problems, with emphasis on drug development and collaborations with the local research groups. Work at CFCB will be carried out in an interdisciplinary way, including both wet chemistry and biology techniques, as well as theoretical approaches including structure modelling, bioinformatics and computational methods. Biology and chemistry team members will work in synergy complementing their knowledge, skills and experience. Apart from services and collaborations, postdoctoral and PhD researchers are expected to carry out their own research projects in either small-molecule or protein crystallography.

Young scientists working in the project will have the benefit of mentoring and exchange visits with the project partners, Wladek Minor (University of Virginia, USA) and Ben Luisi (University of Cambridge, UK). Work at CFCB will consist in collaborations with biotech/pharmaceutical companies, such as WPD Pharmaceuticals or The Pharmaceutical Institute.

Candidate's profile:

- PhD degree in biochemistry related to structure-function studies of proteins
- Documented long-term experience working in structural biology groups
- Excellent scientific track, including publications in top journals and highly collaborative projects
- Documented management of structural biology projects, preferentially as project leader
- Experience in working in an international setting, preferably with long-term research stays abroad
- Fluent written and spoken English

Application should include:

- Motivation letter, Curriculum Vitae, Copy of PhD Diploma, at least one Letter of recommendation.

Candidate should expect:

- A part-time (25%) contract of employment 6000 PLN gross (ca. 3500 netto) monthly for 36 months, starting from February 2018.
- To participate in scientific schools, workshops and conferences.
- To conduct advanced structural analysis and interpretation of measurement results, especially in macromolecular crystallography, solving crystal structures of proteins, bioinformatics and structure computing
- To teach young scientists to learn structural biology methods
- Reporting to collaborators and customers, project promotion, result dissemination

Selected candidates will be invited for an interview in English, in person or via Skype/phone, around mid-January 2018.

Applications should be submitted to Prof. dr hab. Krzysztof Woźniak by e-mail: cfcbuw@cnbc.uw.edu.pl not later than January 7, 2018.

Please include in your offer: “I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”

