



Post-doctoral position in biomolecular modeling

We are seeking motivated colleagues to fill in the open position of a Post-doctoral fellow at the **Laboratory of Biomolecular Interactions and Transport** (www.labbitt.eu) in **OPUS project funded by NCN**. The position will be available as of **October 1st, 2018**. The successful candidate will study mechanisms transport of small molecules through biomedically and biotechnologically relevant proteins by the state-of-the-art computational methods and be involved in the development of novel methods. The laboratory is located in Poznan, Poland, and is jointly affiliated to the **International Institute of Molecular and Cell Biology in Warsaw** and the **Institute of Molecular Biology and Biotechnology, Faculty of Biology, Adam Mickiewicz University in Poznan** – both rank among the top research institutes in Poland.

Examples of available research topics

- studying the role of ligand transport in enzyme function
- development of methods to study ligand transport
- large-scale analysis of biologically relevant enzymes

Requirements

- Ph.D. in Biophysics, Bioinformatics, Computational Chemistry, Biochemistry, or related field **awarded in 2011 and later** subject to extension in specific circumstances such as maternity/paternity leave/illness); candidates receiving their degrees by August 2018 might also be considered
- excellent knowledge of Linux OS & developed programming skills
- documented expertise in molecular dynamics simulations, preferably AMBER
- high motivation and enthusiasm, independence and reliability
- fluency in English, both spoken and written

Our offer

- **full-time** employment contract, initially for **12 months** with possible extension for other **24 months**
- **gross salary** about **7,600 PLN/month** (about €1,800); note that living costs in Poland are very favorable
- friendly, dynamic and supportive environment
- opportunity to develop leadership skills

How to apply

Please send your applications or additional questions to Prof. Jan Brezovsky: jbrezovsky@iimcb.gov.pl by **April 10, 2018**. The selected candidates will be invited for an interview taking place in April 2018. The application should be prepared as a **single PDF file in English** and contain:

- one-page cover letter describing your motivation
- Curriculum Vitae including a complete list of publications
- a list of three most significant scientific achievements, containing a brief explanation why you consider them so
- two letters of recommendation - at least one should be from your direct supervisor
- a scan of your university degree certificates/diploma
- please include the following statement in your application: *"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."*

Selected publications

- *ACS Catalysis* 6: 7597-7610, 2016
- *Nucleic Acids Research* 44: W479-487, 2016
- *Nature Chemical Biology* 10: 428-430, 2014
- *Methods in Molecular Biology* 1685: 25-42, 2018
- *Biotechnology Advances* 31: 38-49, 2013
- *Journal of Chemical Information and Modeling* 55: 54-62, 2015



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