

**Rector of Masaryk University opens position:****Junior Scientist – Cryo-electron microscopy and tomography, CEITEC - Central European Institute of Technology, Brno, Czech Republic**

We are seeking two outstanding applicants for junior scientist positions for the world-class research group in the field of cryo-electron microscopy and tomography for Structural Biology Research Program. Structural Biology Research Program will run core facilities for X-ray crystallography, high-end cryo electron microscopy and tomography, studies of biomolecular interactions, and high-field NMR spectroscopy.

You will be part of CEITEC - Central European Institute of Technology in Brno, Czech Republic ([www.ceitec.eu](http://www.ceitec.eu)), an academic research institution established jointly by Masaryk University, Brno University of Technology, Mendel University in Brno, University of Veterinary and Pharmaceutical Sciences Brno, Institute of Physics of Materials, Veterinary Research Institute. The institute will host 600 scientists in state-of-the-art equipped laboratories. Genomics and Proteomics of Plant Systems, Molecular Medicine, Molecular Veterinary Medicine, and Brain and Mind Research represent other Life Science Research Programs of CEITEC. CEITEC will also host high throughput –omics core facilities. The material sciences programmes are part of CEITEC as well.

The Cryo-electron Microscopy and Tomography Core Facility will be equipped with two high-end cryo-electron microscopes, vitrification robot, and supporting accessory. Central Supporting Laboratory for preparation of biomacromolecules for NMR, X-ray, and CRYO-EM and Laboratory of Protein Expression in Eukaryotic Cells will be available on site. Group resources include funds for post-doc positions, personnel and running costs.

The successful candidate must hold a PhD degree in a relevant field and should show:

- proven track record of scientific productivity as judged by publications in peer-reviewed journals, providing evidence of expertise in biomacromolecular electron microscopy research and its applications
- experience in supervising students is of advantage
- experience in collaborative research projects

An interest in close collaboration with local experimental groups is essential. We will offer internationally competitive conditions and benefits in line with your experience. The positions are available from 2012 on for an initial period of five years. The beginning of the employment relationship is negotiable.

Your application should include:

- CV
- detailed description of your training and research career
- list of publications (separate listings of original research papers, reviews, book chapters)
- list of obtained research grants (name, topic, funding source, amount) if applicable
- summary of your teaching experience if applicable

- reprints of selected publications (5 at maximum)
- outline of your research plan in a form of a brief and concise executive summary (1-2 pages, A4 or Letter format)

Electronic applications must be received by November 15, 2011, to ensure consideration. Please submit your application to the coordinator of the Structural Biology Research Program Prof. Vladimír Sklenář at: **sb.cryoem(at)ceitec.muni.cz**

Brno, October 14, 2011

.....  
Rector