

The Institute of Biotechnology of the Czech Academy of Sciences at BIOCEV Centre (Biotechnology and Biomedicine Center of the Academy of Sciences and Charles University) in Vestec announces an open position:

### **Research scientist for the Centre of Molecular Structure - Biophysical methods facility**

The central facility of Biophysical methods is a part of the Centre of Molecular Structure (CMS belongs to the Czech Infrastructure for Integrative Structural Biology, <https://www.ciisb.org/> and to the European infrastructure Instruct-ERIC, <https://instruct-eric.eu/>). It is equipped with a number of biophysical methods for characterization of proteins, nucleic acids, and their complexes. The individual techniques are used either for determination of the key properties of biomolecular samples or assessment of their interaction characteristics. For details about the installed equipment and provided services refer to the web pages of CMS at <https://www.ibt.cas.cz/en/core-facilities/centre-of-molecular-structure/>.

We are looking for a research scientist with a significant experience in application of biophysical techniques and/or spectroscopic techniques.

#### Job description:

We offer attractive work and professional growth in the field of biophysics in the center of excellence Biocev with use of modern instruments. The main responsibility lies in provision of services and high-level expertise at the Centre of molecular structure in biophysical methods, with the possibility of focus on spectroscopies. The Research scientist will provide services (measurements and analysis where required), guarantee quality and efficiency of the provided services to internal and external users, will participate in advertising of the services to external users, including commercial utilization of the services. The Research scientist will be involved in the activities of research infrastructures on national and international levels (CMS is a part of the Czech infrastructure for integrative structural biology and is also involved in the European infrastructure Instruct). The Research scientist will also participate in training within his/her field of expertise and development of services of an associated facility with optical tweezers with confocal microscope and time-resolved biophysical approaches.

#### Requirements:

- University education in one of the following fields: biophysics, biochemistry, physics, chemistry, structural biology, or closely related
- Ph.D. degree or equivalent
- Research experience in biophysics and/or IR, fluorescence or other spectroscopies; experience in time-resolved approaches or structural biology methods is welcome
- Publication activity in the field
- Excellent communication skills and teamwork
- Proven organizational abilities
- Readiness for high work load
- English, written and spoken, advanced level (C2)
- Good repute

Start date: immediately

Workplace location: Vestec near Praha

Send written applications including a motivation letter and a professional CV, either in printed or electronic form to address: Institute of Biotechnology of the Czech Academy of Sciences, Prumyslova 595, 25250 Vestec, Czech Republic, [btu-office@ibt.cas.cz](mailto:btu-office@ibt.cas.cz)

Application deadline: August 31, 2020

*We hereby inform you that the Institute of Biotechnology of the Czech Academy of Sciences shall process your personal data only to the extent for the purposes of selection of a suitable employee and closure of a contract of employment in accordance with the General Data Protection Regulation 2016/679 (GDPR).*

*More details on the processing of personal data of an applicant for open position are available at web site:*  
<https://www.ibt.cas.cz/cs/verejnost-media/oficialni-dokumenty/gdpr/index.html>.

