

### **HEAD OF METABOLISM UNIT for the Czech Centre for Phenogenomics (BIOCEV)**

The metabolism unit is an integral part of the comprehensive phenotyping platform of the Czech Centre for Phenogenomics (CCP – [www.phenogenomics.cz](http://www.phenogenomics.cz)) at the Institute of Molecular Genetics of the Academy of Sciences of the Czech Republic in Prague and will deal with the description and analysis of metabolic function in mouse and rat models. We are seeking a talented individual whose main task will be to establish primary and secondary metabolic phenotyping screens, and to build a service team.

As head of the metabolism unit, your duties will include:

- implementing EMPReSS/EUMODIC/IMPC standard operating procedures and recommendations
- managing workflow of the metabolic team, including the training and supervision of technical assistant(s), ensuring quality control and efficient throughput
- providing expert consultation to internal and external researchers
- participating in interdisciplinary collaborative research projects within the Centre
- performing indirect calorimetry and intraperitoneal glucose tolerance tests (IPGTT) to diagnose metabolic function in genetically-engineered mouse and rat models
- establishing secondary phenotyping platforms such as hyperinsulinemic-euglycemic clamps (previous experience would be an advantage)
- beta-testing new commercial technologies for telemetry-based recording of metabolic functions

This position provides infrastructure and resources for pursuing your own research interests in metabolic function.

The position is available immediately for a fixed-term until December 2015. After this period, successful researcher will have the opportunity to get further appointment in CCP within the EU-funded BIOCEV research center ([www.biocev.eu](http://www.biocev.eu)).

#### **We offer:**

Excellent conditions for work in an international environment in our newly equipped modern facilities for rodent phenotyping, regular attendance at international scientific meetings, further self-education possibilities and competitive salary based on the candidate's experience and records. Other benefits are negotiable.

#### **How to apply?**

Successful applicant has PhD degree in related field with relevant research experience and publications. Good command of English is required, other languages are an asset.

The job application has to be in English consisting of a letter of interest, structured CV with a list of publications and two references. For further information, please contact project coordinator Mr Libor Daněk at [libor.danek@img.cas.cz](mailto:libor.danek@img.cas.cz). Applications should be sent to that email as well.

We thank all who apply for their interest; however, only those candidates who are considered for an interview will be contacted.

**About the Institute**

The Institute of Molecular Genetics (IMG – [www.img.cas.cz](http://www.img.cas.cz)) is a leading Czech research institute located in the beautiful, culturally-rich city of Prague. The IMG provides an English-speaking work environment, has a multicultural workforce, and possesses modern amenities including on-site daycare and a fitness facility. IMG hosts the first phase implementation of the CCP as part of the BIOCEV project ([www.biocev.eu](http://www.biocev.eu)), in which biomedical research institutes of the Czech Academy of Science and two faculties of Charles University are partners. This new scientific center will be built in the municipality of Vestec, in close proximity to Prague, and should employ up to 600 persons in the next few years.