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MINISTRY OF EDUCATION,  
YOUTH AND SPORTS



OP Education  
for Competitiveness



Institute of Molecular Genetics of the ASCR, v.v.i.

INVESTMENTS IN EDUCATION DEVELOPMENT

## **Unique opportunities for early postdoctoral career development**

### **In Sensory Neurobiology**

Establish your independent research path using the resources and opportunities afforded by the newly established **Czech Center for Phenogenomics (CCP)**. Benefit from our newly equipped modern facilities for rodent phenotyping and imaging, as well as through the ongoing discovery-based opportunities afforded by the large-scale systematic phenotyping of novel mutant rodent strains. These fixed-term research appointments (to June 2015) are available immediately will include a three month paid sabbatical for expanding your personal technical skills in one or more EU-based labs. Based upon performance, candidates will be provided opportunities for further longer-term appointment at the CCP.

#### **REQUIREMENTS:**

Candidates should possess a PhD granted after March 2008. Previous expertise in mouse developmental genetics or in gene regulatory analysis is a plus.

#### **JOB DESCRIPTION:**

Successful applicants will study the role of selected transcription factors (such as Pax6) during mouse eye development. The following techniques will be applied: Cre/loxP conditional mutagenesis, phenotypic analysis, advanced imaging, cell sorting, in vitro differentiation of ES cells, ChIP-seq and RNA-seq.

#### **HOW TO APPLY**

The job application has to be in English consisting of a letter of interest, structured CV with the 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). The 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) is a leading Czech research institute located in the beautiful, culturally-rich city of Prague. 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.

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