

Research Position (postdoc) in Ubiquitin Ligases or Molecular Biology

Research project

This project will focus on deciphering the function of selected E3 ubiquitin ligases identified following screening transgenic mouse models. The new research projects aims to characterize the biological role of the selected Ub ligase in vivo, their mechanism of action with particular interest in the description of their roles primarily in cancer and inflammatory diseases. The work will be performed in cooperation with the expert team of the Czech Centre of Phenogenomics, which will enable obtaining the comprehensive phenotyping data and high professionalism with transgenic model analysis. The project will focus on wet bench techniques including in vitro, in vivo (mouse models) with the goal of elucidating the molecular mechanisms of ubiquitination mediated by E3 ubiquitin ligases.

Requirements

We are looking for an individual with a strong background and skillset in biochemistry and molecular biology willing to work also with animal models. Experience working with mice or willingness to be so trained is essential. You should have a Ph.D. in biology or biochemistry and have a good proficiency in English; experience in protein biochemistry will be advantageous. The successful applicant will have excellent interpersonal, communication and organizational skills and be highly-motivated with the ability to work independently and as part of a multi-disciplinary team.

Terms and place of employment

This postdoctoral research scientist position is available in the Laboratory of Transgenic Models of Diseases at the Institute of Molecular Genetics of the ASCR, v.v.i. located in BIOCEV campus (CCP building) in Vestec near Prague, Czech Republic. The position is available immediately as an initial fixed-term (2 years) contract, with longer-term extension possible upon demonstrated proficiency.

Application

Interested candidates should provide motivation letter, CV and contacts to at least two independent professionals who can provide reference.

Your application must be submitted electronically to Mr. Libor Daněk (libor.danek@img.cas.cz) whom you might contact for more details as well.

About the employer

The Czech Centre of Phenogenomics (CCP) is one of the largest, biomedical, national, research infrastructures located in the municipality of Vestec south of the Capital city of Prague in the Czech Republic (CCP, <http://www.phenogenomics.cz>). Set on the campus of the newly constructed centre BIOCEV, CCP is a state-of-the-art facility providing generation, phenotyping, and archiving

of rodent models. CCP offers its users comprehensive phenotypic analysis of transgenic models. As a member of the International Mouse Phenotyping Consortium (IMPC) and INFRAFRONTIER, CCP is dedicated to the goal of 'systematic genome-wide phenotyping project of knock-out mice in order to provide the broader research community with a lasting resource of mammalian gene functions.

Date of the announcement: March 10, 2017
