

PhD and POSTDOC POSITIONS IN PLANT GENOMICS AND PROTEOMICS

Topic: Proteins involved in the regulation of telomeric repeats

Workplace

Laboratory of Functional Genomics and Proteomics (FGP), National Centre for Biomolecular Research (NCBR), Faculty of Science, Masaryk University, Brno, Czech Republic

Description of the topic

Selected candidates will have an opportunity to join a new project dealing with a hot topic in the field of gene regulation, including, but are not limited to:

- analysis of the regulatory elements (particularly telo-boxes) in the promoters of the genes involved in a plant development - especially in a male gametophyte (pollen)
- characterization of regulatory factors that operate pollen development
- analysis of protein-protein; DNA-protein interactions of these factors
- identification of transcriptome and epigenetic changes in a genes involved in a plant developmental processes

About the Workplace

We are looking for highly motivated graduates to join the Laboratory of Functional Genomics and Proteomics (FGP). The laboratory is well equipped by instrumentation for molecular biology and biochemistry. The research group will benefit from close collaboration with IEB, AV CR, Prague and from the international partnerships with the IBENS, Paris, France or EMBL, Heidelberg, Germany. In our research we tightly cooperate with the Central European Institute of Technology (CEITEC) core facilities providing genomic and proteomic services such as cellular imaging, bioinformatics, structural biology, NGS, mass spectrometry, and plant cultivation under well-defined conditions, together with highly professional staff prepared to consult the experimental set-up or perform specific tasks on a service base. Involvement in supervision of undergraduate students is expected.

Expected Start Date: flexible from January, 2021, but not later than July 1st, 2021.

How to Apply

Please send your curriculum vitae, motivation letter with a concise summary of your previous research activities to:

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