

Specialist for signal pathways and molecular target profiling

CZ-OPENSREEN: National Infrastructure of Chemical Biology (Institute of Molecular Genetics, Prague) is seeking a highly-motivated candidate for cellular and biochemical profiling of bioactive compounds and potential drugs.



Job description

- Support of collaborative and multidisciplinary projects focusing on the development of selective probes and drug candidates
- Development of cell-based and biochemical assays for compound profiling using automated robotic systems
- Tissue culture work using standard cancer cell lines and primary cells
- DNA cloning, DNA and protein electrophoresis, western blotting, reporter assays etc.
- Independent conduction of experiments and data analysis from compound profiling experiments (determination of EC/IC50)

Required skills/qualification:

- Master's degree or PhD in biochemistry and molecular/cell biology or related biomedical areas
- Good presentation skills.
- Organization skills and effective time planning, ability to work systematically
- Good social skills, ability to collaborate with other team members
- Independence, creativity, flexibility, abstract and critical thinking
- Good verbal and written communication in English

Salary and additional information: We offer competitive salary dependent on candidate's experience. The contract is initially for 1 year with the possible extension up to 5 years.

Unique opportunity to work at state-of-the-art infrastructure in the multidisciplinary team of biochemists, biologists, medicinal chemists and cheminformaticians.

Social benefits:

5 weeks of vacations, sport facilities (squash, volleyball and basketball and fitness) are available at the campus.

Employment type: Full-time contract

Expected starting date: September 2019

How to apply:

The job application should consist of Cover letter and structured CV to be sent to Mrs. Jana Brazinova (jana.brazinova@img.cas.cz). For further information about our infrastructure and institute, please visit the following websites:

www.openscreen.cz

www.img.cas.cz