



Research Postdoctoral Fellow (Microbiology, Molecular Biology, Biological Science, Biochemistry)

Subject: BLAVATNIK CENTER for Drug Discovery is seeking a Postdoctoral Fellow in Biology

Location: Tel Aviv University, Israel

Description: The BLAVATNIK CENTER for Drug Discovery (BCDD) is a fully integrated center for translational research, based at Tel Aviv University, that comprises medicinal chemistry, biological target identification and computer-assisted drug design units under one roof to provide support for early-stage drug discovery and translating academic innovations into new drug candidates

Job Duties:

- The successful candidate will be involved in high-throughput screening of small molecules in cell-based and enzymatic assays and conducting biochemical and cellular validation assays of new targets
- Designing, hands-on performing and analysing/interpretation data of cell-based compound screens
- Access to multiple high-quality core facilities equipped with state-of-the-art instrumentation
- Conducts literature searches and information summaries in a well-organized format
- Performs chemical biology research including but not limited to assays development, assay validation and data analysis, cell-based assays such as cell adhesion and attachment, cell viability, cell toxicity etc.
- Uses computer-interfaced equipment, robotics, and/or high-technology applications to perform work duties
- Designs advanced experiments and executing protocols
- Documents and presents experimental results in a professional manner
- Participates in collaboration with other biological scientists within the academic community
- Develops laboratory culture and scientific excellence with a focus on therapeutic impact
- Critically evaluate relevant scientific results and assimilate this knowledge into research programs

Benefits: BLAVATNIK CENTER for Drug Discovery Postdoctoral Fellowship benefits early career scientists to gain the skills and experience required to further their careers. BCDD Postdocs work together with scientists from different disciplines on innovative research projects and have the prospect to present and publish their work. In addition to the research, the position will have a focus on career development including grant writing, scientific writing/presentation, mentorship of junior members of the lab, networking, and building collaborations.

Required knowledge, skills, and abilities:

- Ph.D in Biosciences with focus on cell / molecular biology
- A strong background in molecular biology and performing hands on experience in cell and molecular biology
- Organizational skills: dealing with numerous projects, setting priorities and meeting deadlines
- Self-motivating and dedicated approach to delivering high quality results in a is crucial
- Motivation to carry out innovative, high-quality scientific work in joint industrial-academic setting and publish in high-impact journals
- The ability to work individually (independently) as well as experience in dealing with multidisciplinary and multicultural teams
- Good communication skills in English, strong oral and written communication, interpersonal, and collaboration skills

Contact: For more information please contact: bcdd@tauex.tau.ac.il

