

Head of BSL-3 Laboratory

Institute of Molecular Genetics of the Czech Academy of Sciences in Prague and the National Infrastructure of Chemical Biology (CZ-OPENSCREEN) invite applications for the position of Head of a newly established Biosafety Level 3 (BSL-3) laboratory. We are seeking a highly qualified and responsible scientist with demonstrated expertise in the operation and management of high-containment laboratories. The BSL-3 laboratory is an integral component of the infrastructure and is dedicated to the safe handling, propagation, and characterization of Risk Group 3 biological agents for the preparation of substrates used in high-throughput and high-content screening assays to identify novel therapeutic candidates against bacterial and viral pathogens. The successful candidate will be responsible for establishing, validating, and operating the BSL-3 facility in full compliance with national biosafety and biosecurity regulations. This includes developing and implementing standard operating procedures, conducting risk assessments, documenting activities, overseeing occupational health and safety measures, and coordinating with institutional biosafety officers and regulatory authorities.

Requirements

- Experience with BSL-3 laboratory environments is required
- PhD in microbiology/virology or related biomedical areas
- Proficiency in conducting pharmacology and toxicology studies
- Capacity to conduct research independently, develop new methods, and adapt new techniques
- Ability and willingness to guide the group of scientists/technicians working in the BSL-3 laboratory
- Teamwork skills, ability to collaborate with other units in the infrastructure, and effective time management
- Ability to present and publish results of scientific work
- Independence, creativity, flexibility, abstract, and critical thinking
- Good verbal and written communication skills in English

Responsibilities

- Organize and lead the operation of the BSL-3 laboratory
- Conduct and oversee research activities on bacterial threats under BSL-3 containment conditions
- Analyze data, prepare reports, and present research findings

- Maintain and oversee lab equipment and safety protocols
- Overseeing laboratory work and ensuring compliance with safety regulations

We offer

- Full-time contract
- Competitive salaries depending on the candidate's experience
- The contract is initially for 1 year with the possibility of 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.
- 6 weeks of vacation
- On-campus sports facilities (squash, volleyball, basketball, and fitness)

Expected starting date: 1 March 2026

How to apply

The job application should include a cover letter and a structured CV, to be sent to Dr. Nataliya Romanyuk (natalija.romanyuk@img.cas.cz).

For more information, visit www.openscreen.cz and www.img.cas.cz.

Personal data processing

For the purposes of the open competition for this position, the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, in the role of Administrator shall process personal data provided by you (or obtained from public sources) in accordance with the General Data Protection Regulation (EU) 2016/679. By answering this advertisement, you provide your personal data to the Administrator for the purposes and for the duration of the open competition. In relation to processing your personal data, you have the following rights: (i) to access your personal data, (ii) to have corrected or completed inaccurate or untrue personal data, (iii) to erasure of your personal data if not any longer needed for the purposes for which they have been collected or otherwise processed, or if you find that they have been processed illegally, (iv) to restriction of your personal data processing in special cases, (v) to data transferability, and (vi) to raise a complaint after which processing of your personal data shall be arrested if no serious justified reasons for their processing prevail over your interests or rights and freedoms, in particular, if they are needed for possible exaction of legal claims, and (vii) to address the Office for Personal Data Protection. Additional information on data processing by the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, can be obtained from Data Protection Officer J. Oliberiusová, JD.