



The Service Unit Core Facilities, Core Facility Bioactive Molecules – Screening and Analysis is currently seeking a

Postdoctoral Research Associate

(Reference code: 216)

Extent of employment: 40 Hours per Week

Duration of employment: 1st of January 2021, limited to 31st of December 2024

Workplace: 3430 Tulln a.d. Donau, Konrad-Lorenz-Straße 24 (UFT-Tulln)

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1 lit. b, € 3.889,50

Responsibilities

- Establishment and coordination of the BOKU Core Facility Bioactive Molecules: Screening and Analysis”, a scientific platform for the discovery of bioactive microbial molecules and enzymes
- Setup, programming, operation and maintenance of automated high throughput liquid handling systems and other equipment of this Core Facility
- Coordination and documentation of research projects and service contracts, including sample management, ordering and instructions to equipment use for external personnel
- Coordination with Austrian and European Core Facilities
- Interdisciplinary cooperation with natural product chemists, structural biologists, enzymologists and research groups working in human or veterinary medicine
- Curating, typing and expanding of the Core Facility strain collection of microbial strains for bioactive molecules and enzymes screening campaigns
- Establishment of a HT screening service to analyse customer derived strain collections by functional genomics and chemogenomics
- Establishment of reporter assays, management and evaluation of large scale biological datasets
- Contribution to teaching activities in the area of lab automation and screening

Required skills and qualifications

- Doctoral degree/PhD and proven track record in a relevant field of microbial genetics and physiology
- Experience in lab automation and documentation systems
- Sound professional experience in fungal molecular genetics and cell biology
- Experience in coordinating interdisciplinary cooperations in the fields of chemistry, biochemistry, structural biology or medicine
- High-level scientific track record for publications and the acquisition of extramural grants
- Willingness and ability to lead a research and service platform as defined for the BOKU Core facility “Bioactive Molecules: Screening and Analysis” including customer-oriented communication
- Experience in project acquisition and administration
- Excellent skills in spoken and written English
- Ability to lead a team and work independently
- Willingness to travel abroad for research purposes is required

Desirable skills and qualifications

- Experience in quantitative microscopy and life microscopy
- Experience in mRNA profiling, NGS, genotyping
- Experience in Lab organisation, quality control and reporting
- Experience in bioinformatics
- Experience in teaching, e-learning and in relevant practical courses (microbiology, molecular biology)
- German language skills would be of advantage

Applications can be submitted until: 9th of December 2020

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

Please send your job application incl. motivation letter and CV to Personnel department, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna;
E-Mail: kerstin.buchmueller@boku.ac.at. **(Reference code: 216)**

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at