University of Natural Resources and Life Sciences Vienna – responsibility for Humans and Nature. We work for the sustainable use and protection of natural resources.

The Service Unit BOKU Core Facilities, Core Facility Bioinformatics is currently seeking a

Postdoctoral Research Associate
(Reference code: 08)

Extent of employment: 30 hours per week
Duration of employment: February 2022 - permanent

Workplace: 1190 Vienna, Muthgasse 18

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1 lit. b, € 3.046,10

Responsibilities

- Interaction with customers from public (university) institutions and companies
- User support in the planning and analysis of (complex) imaging experiments
- Development of novel services in the areas of digital image processing and analysis, multimodal imaging, and analysis of chemical imaging/hyperspectral data tailored to the needs of the Core Facility and collaborators
- Maintenance and servicing of the Core Facility's webpage and related internet sites as well as databases
- Organizations of public events, workshops, and training sessions
- Participation in teaching activities of the Core Facility in German and English
- Participation in PR events, scientific conferences and internal meetings
- Documentation of routine operations
- Independent handling of management software, preparation of statistical reports
- Support in planning and writing of scientific publications and grant applications

Required skills and qualifications

- Doctoral degree/PhD in the field of bioinformatics, biology, biotechnology, or a related discipline
- Solid computer skills
- Experience with planning, conducting, and analysing imaging experiments
- Excellent presentation and communication skills in English and German are obligatory
- Service-oriented attitude, highly organised working style
- Strong motivation and ability for self-education, improving of skills in relevant areas

Desirable skills and qualifications

- Expertise in digital image processing, bioinformatics and/or artificial intelligence
- Experience in different programming languages (R and/or Python)
- Theoretical and practical knowledge of different imaging modalities, including label-free chemical imaging, confocal microscopy, electron microscopy, and the (comparative) analysis of corresponding data
- Practical experience in the field of light and electron microscopy, particularly in the preparation of biological samples for fluorescence microscopy and electron microscopy, and histology
- General knowledge in biology, strong interest in solving biological questions using computational approaches

Applications can be submitted until: 15th of February 2022

universität des lebens

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
- CV
- Min. 2 letters of recommendations
- PhD certificate
- List of peer-reviewed publications

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: 08)**

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

www.boku.ac.at