

The Department of Biotechnology, Institute of Microbiology and Microbial Biotechnology wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

Metabolic modelling and bioprocess engineering of microorganisms

Working time: 40 hours a week

Term of the employment relationship: 1st of March 2025, limited to a period of 6 years

Workplace: Vienna

Allocation in compliance with the Collective Agreement for University Staff to job group: B1 lit. b
Gross monthly salary (depending on previous eligible experience) at least: € 4,752.30 (14x a year, in addition we also offer an attractive career development programme and an extensive range of social benefits)

Target group

§99 (5) positions offer academics with high potential and the relevant achievements the opportunity of an academic carrier ranging from a postdoc position to that of assistant professor and on to associated professor. The position of associated professor can be achieved at the latest six years after the appointment. §99 (5) positions are aimed at academics with a doctorate/PhD degree, with high potential, who are close to or have already successfully completed a habilitation. Experience at other universities or research institutes abroad is expressly welcome.

Tasks and focus areas

- Research in the field of biotechnology with a focus on metabolic modelling and bioprocess engineering of microorganisms
- Processing of research questions in the BOKU competence fields of biotechnology and sustainable materials and technologies
- Application and further development of synthetic biology methods at the interface of metabolic modelling and engineering as well as bioprocess engineering
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities, teaching in the fields of microbiology, metabolic modelling and bioprocess engineering
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the University of Natural Resources and Life Sciences
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects
- Participation in cross-departmental focus areas
- Publication in high-quality journals in the field of microbial biotechnology

Requirement profile

- Completed doctorate in a relevant field
- Completed master's degree (or equivalent) in technical biology, biotechnology, biochemical technology or a comparable subject
- Sound professional experience in the scientific field as a postdoc
- Excellent publication achievements as well as international orientation and recognition
- Willingness and ability to lead your own research team incl. the necessary funding this requires (third-party funding)
- Enthusiasm for outstanding teaching
- Excellent written and spoken German and English or willingness to learn German in the first two years

- Experience in teaching (lectures and lab tutorials) in the field of applied microbiology/bioprocess engineering
- Experience in submitting and participating in intra- and inter-university research projects

Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- Management and personnel management skills, including skills in the areas of gender and diversity management as well as inclusion and accessibility in communication
- High willingness for scientific cooperation within and outside the university
- Experience in acquiring, managing and executing research projects

Publication date: 10th of October 2024

Closing date for applications: 14th of November 2024

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 submit your application in English incl.

- Curriculum vitae with detailed presentation of professional, teaching and research activities incl. ORCID
- List of all publications (refereed & non-refereed), lectures and projects
- Electronic transmission of the PDF files of five own publications which you consider to be particularly important
- Rough concept for future plans in research and teaching including your contribution to the scientific profile of the Department
- Teaching portfolio including evaluation results
- Brief explanation why you think you should be particularly suitable for this position (max. 1 page)

and indicating the reference code 233 to recruiting@boku.ac.at until 14th of November 2024.

Applicants are not entitled to reimbursement of travel and accommodation costs incurred as a result of the selection procedure.

www.boku.ac.at