

The Department of Biotechnology and Food Science, Institute of Food Technology wishes to fill a

## **career position in compliance with § 99 (5) UG (tenure-track) in the field of Biocatalysis in Food Systems with a focus on Enzyme engineering**

(Reference code 37)

**Working time:** 40 hours per week

**Term of the employment relationship:** 1<sup>st</sup> of October 2026, limited to a period of 6 years

**Allocation in compliance with the Collective Agreement for University Staff to job group:**

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**Gross monthly salary:** (depending on previous eligible experience) at least: € 5.014,30 (14 × a year, in addition we also offer an attractive career development program 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 Biocatalysis in Food Systems with a focus on enzyme engineering
- Developing enzymatic processes for food production and preservation as well as the biocatalytic production of food ingredients or food additives
- Biochemical and biophysical characterization as well as engineering of enzymes to develop and optimize biocatalysts for the various production stages of food systems
- Establishing enzymatic high-throughput screening methods as well as application of bioinformatic methods
- Engineering and optimization of enzymatic processes and process control

- Contributing to the research program of the Cluster of Excellence Circular Bioengineering
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the BOKU University
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects

## Requirement profile

- Completed doctorate in a relevant field
- 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
- Expertise in molecular biological methods for directed and undirected mutagenesis and in high-throughput methods for screening enzyme activity
- Expertise in bioinformatics including phylogenetic analyses as well as expertise in modelling of protein structures
- Expertise in fermentation processes for enzyme production and purification
- Expertise in establishing enzymatic processes, especially for food production

## 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

Publication date: 24<sup>th</sup> of February 2026

**Closing date for applications:** 31<sup>st</sup> of March 2026

BOKU University 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. mandatory indication of the 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 37 to [recruiting@boku.ac.at](mailto:recruiting@boku.ac.at) until 31<sup>st</sup> of March 2026.

If you are invited to a personal interview, travel expenses can be reimbursed on presentation of invoices and proof of payment (in Europe up to max. 300 euros, outside Europe up to max. 1200 euros).

**[www.boku.ac.at](http://www.boku.ac.at)**