

The Department of Biotechnology and Food Science, Institute of Food Technology, is currently seeking a

Postdoctoral Research Associate

Enzyme engineering and enzymatic processes (COE Project PD 3.12)

assigned to research program 3 “*Biocatalytic processes for sustainable synthesis*” of **Cluster of Excellence (CoE) Circular Bioengineering** <https://circularbioengineering.at/de/>

(Reference code 121)

Extent of employment: 40 hours per week

Duration of employment: 1st of July 2026, limited to 30th of June 2028

(with the option of a temporary extension)

Workplace: BOKU University, 1190 Vienna, Muthgasse 18

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: € 5.014,30
(payable 14 times per year)

Responsibilities

- The postdoctoral position in “Enzyme engineering and enzymatic processes” is placed at the intersection of biotechnology, chemistry and bioelectrochemistry and involves research and participation in laboratory management and administrative tasks
- The research will focus on the engineering of enzymes as biocatalysts for synthetic or depolymerization reactions as well as the application in electrochemical reactors
- The research is embedded in Research Program 3 of the Cluster of Excellence Circular Bioengineering (<https://circularbioengineering.at/de/>) and will therefore include close collaboration with researchers in this program
- An important aspect of our research is the valorization of agricultural and industrial side streams
- Participation in outreach activities to explain and popularize science for the general public
- Contributing to laboratory management, including onboarding, safety, instrument maintenance, etc. is also required

Required skills and qualifications

- Doctorate degree / PhD in a relevant natural science field

- Language skills: fluent in written and spoken English and German
- Technical expertise in methods from biotechnology, molecular biology, microbiology, analytical chemistry, biochemistry, organic synthesis and computational methods for data analysis and modelling is required to perform research tasks
- The ability and motivation to translate basic scientific findings into industrial applications is required to bridge fundamental and applied research and collaborate with industry on R&D projects
- Teaching and educational skills are necessary for supervising laboratory work, tutoring bachelor-, master-, and doctoral candidates, teaching courses and supervising seminars
- Skilled in the setup of laboratory experiments and the use of laboratory equipment, instruments and software
- Knowledge of enzymes as bioelectrocatalysts, especially on protein structure and enzymatic activity
- Skilled in computational methods for the analysis and modelling of results
- Good communication skills and a high motivation to engage students and the general public
- Skills in article and report writing
- Project management skills

Applications can be submitted until: 27th of June 2026

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 to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at.

(Reference code: 121)

- Please use this [Application form – Postdoc-positions](#)
- Please note that we will not be able to process your application without this form and unless it is sent to recruiting@boku.ac.at
- Following additional documents have to be submitted as .pdf files:
 - Curriculum vitae
 - Copy of certificates from the applicant's bachelor and master/diploma and doctoral studies

- A translation of the documents is necessary if the original documents are not in English or German

For information on the further application procedure – online hearing and interviews – see <https://www.circularbioengineering.at/careers>

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

www.boku.ac.at