

The Department of Biotechnology and Food Science, Institute of Bioprocess Sciences and Engineering is currently seeking a

Postgraduate Research Associate

project employment

(Reference code 144)

Extent of employment: 30 hours per week

Duration of employment: 15th of August 2026, limited to 31st of December 2028

Workplace: 1190 Vienna, Muthgasse 18

Allocation in compliance with the Collective Agreement for University Staff to job group:
B1

Gross monthly salary: (depending on previous eligible experience) at least: € 2.832,10
(payable 14 times per year)

Responsibilities

- Start your PhD studies at BOKU University and participate one of our doctoral programs including lectures, events, workshops and retreats
- Carry out research project "Understanding protein binding to filter materials used for clarification in bioprocesses"
- Investigation the physio-chemical interaction of proteins with different filter materials
- Analyzing protein-surface interactions by means of statistical experimentation and mechanistic modeling
- Develop process modifications that reduce unwanted product losses while maintaining high particle retention
- Use the high-throughput methods and a liquid handling station to quickly characterize and evaluate protein binding
- Characterize colloids in plant extracts including host cell proteins and different, pharmaceutically relevant proteins using zetapotential, dynamic light scattering and microscopic analyses

Required skills and qualifications

- Diploma degree in Biotechnology, Chemistry, Engineering, Material Science or other equivalent university degree
- English (B2 or better)

Desirable skills and qualifications

- Confidence in communicating and presenting scientific work to colleagues, at conferences and to public
- Experience in writing scientific publications
- Experience with filtration operations (e.g., depth filtration)
- Experience with plant expression systems
- Experience in working recombinant proteins
- Experience mechanistic modeling of filtration processes

Applications can be submitted until: 6th of August 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 incl.

- motivation letter
- CV
- Copies of degree certificates

to HR management, BOKU University, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 144)**

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

www.boku.ac.at