

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

## Postgraduate Research Associate

### project employment

(Reference code 98)

**Extent of employment:** 30 hours per week

**Duration of employment:** 1<sup>st</sup> of July 2026, limited to 31<sup>st</sup> 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 "Life cycle analysis and cost models for plant-derived pharmaceuticals"
- Investigate the ecological and economic impacts of producing recombinant pharmaceutical proteins in plants
- Develop improved cost models for different manufacturing scenarios in plants such as transient or transgenic expression
- Combine production cost models with assessments of environmental impact to understand where plant-based processes can be more sustainable compared to conventional manufacturing
- Apply the models to three real-life protein examples to be used in the context of mitigating health threats

### Required skills and qualifications

- Diploma degree in Biotechnology, Chemistry, Engineering 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 process modeling
- Experience with plant expression systems
- Experience in working recombinant proteins
- Experience with life cycle analysis

Applications can be submitted until: 16<sup>th</sup> 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 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](mailto:recruiting@boku.ac.at). (**Reference code: 98**)

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

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