

The Department of Biotechnology and Food Science, Institute of Cell and Tissue Culture Technologies is currently seeking a

Postgraduate Research Associate

(Reference code 187)

Extent of employment: 30 hours per week

Duration of employment: 1st of November 2026, limited to 31st of October 2027

(with the option of a temporary extension)

Workplace: 1190 Vienna, Muthgasse

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

- Cell culture technique - working under sterile conditions with primary cells and cell lines following standard operation procedures (SOPs)
- Isolation of mesenchymal stem cells (MSCs) from different donor tissue sources
- Stem cell characterization, optimization of cultivation conditions for the expansion and differentiation
- Development of strategies for cultivation under physiological conditions including 3D cultures
- Independent planning and execution of experiments
- Execution of specific analyses and evaluation of experimental findings
- Preparation of protocols and reports
- Preparation of results for presentations/conferences (posters, lectures) and publications, support in the preparation of publications and teaching materials
- Active support of lab management (media preparation, quality check of lab materials, orders/deliveries/storage and handling of materials, responsibility on equipment maintenance, and communication with internal departments of BOKU for administrative processes)
- Supervision/guidance of bachelor and master students and support in practical courses

Required skills and qualifications

- Diploma degree in Biotechnology, Biology, Life Science, Biomedical Engineering or other equivalent university degree
- Language skills: German (preferably at least C1 or higher) and English (minimum B2)
- Independent working
- Experience with sterile working in cell culture Lab (preferably antibiotic free culture/primary cells incl. 3D formats)

Desirable skills and qualifications

- Profound knowledge in molecular biology and microbiology and experience with relevant methods and analyses
- Proven prior experience in lab management
- Team spirit/interest in interdisciplinary and international environment
- Willingness and active support in preparation/establishment/optimization of new protocols/SOP's/reports
- Willingness to guide/supervise students, support in seminars/lecture preparation/practical courses

Applications can be submitted until: 8th of October 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
- Certificates
- Meaningful report(s) on practical skills and experience
- 2 references

to HR Management, BOKU University, Peter-Jordan-Straße 70, 1190 Vienna;

E-Mail: recruiting@boku.ac.at. (**Reference code: 187**)

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

www.boku.ac.at