

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

Postgraduate Research Associate

project employment

(Reference code 158)

Extent of employment: 30 hours per week

Duration of employment: 1st of September 2025, limited to 31st of August 2026

(with option for temporary extension)

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: € 2.786,10

(payable 14 times per year)

Responsibilities

- Development of hMSC-based xeno-free 3D chondrogenic tissue constructs
- Development of a culturing platform for the determination of metabolic analytes in chondrogenesis
- Operation of bioreactors in continuous/perfusion mode
- Coordination of research tasks and logistics with collaboration partners
- Establishment of novel functional assays (histology, protein quantification, immuno-histochemistry)
- Independent planning, execution and evaluation of experiments and data
- Presentation of results in the form of reports, publications and presentations
- Involvement in teaching (material preparation, support with preparation and performance of practical courses) as well as supervision of students
- Contribution (e.g., literature research) within context of scientific publications

Required skills and qualifications

- Diploma degree in Biology, Biotechnology, Biomedicine, Life Science or other equivalent university degree
- Language skills: fluent in English (mandatory), fluent in German would be advantageous

- Previous experience in Tissue Engineering and/or MSC chondrogenesis

Desirable skills and qualifications

- Strong interest and motivation for tackling Bioengineering and Tissue Engineering questions
- Experience and proficiency working with primary human stem cells and hydrogels, 3D culture
- Experience working with bioreactors and monitoring beneficial
- Motivation and curiosity for development and validation of novel techniques
- Analytical mindset and the ability to interpret complex data as well present
- Desire to work in an international and collaborative team
- Creativity and ability to work independently
- Excellent proficiency in written and spoken English, German skills advantageous
- Team spirit

Applications can be submitted until: 18th of August 2025

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 of the diploma and further meaningful documents
- References

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 158)**

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

www.boku.ac.at