

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

Postgraduate Research Associate project employment

(Reference code: 17)

Extent of employment: 30 hours per week
Duration of employment: 1st of May 2024, limited to 30th of April 2027

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1, € 2.684,10

In a research project in collaboration with the Medical University of Graz and the University of Vienna, we, at the Institute of Cell and Tissue Culture Technologies, are investigating whether and to what extent gestational diabetes (GDM) reprograms fetal stem cells during pregnancy, potentially contributing to the development of metabolic disorders later in life.

For the execution of this ambitious project, we are seeking a passionate and dedicated Research Associate (m/f/d). As a member of our team, you will have the unique opportunity to explore innovative pathways and investigate the effects of GDM on fetal mesenchymal stem cells. Your contribution to this project will help bridge significant knowledge gaps and lay the groundwork for deeper understanding of the formative influences of GDM on the health of offspring. If you have a passion for epigenetics, cell biology, and metabolic disorders, and are ready to work in a dynamic research environment, we look forward to receiving your application.

Responsibilities

- ❖ Isolation and characterization of human mesenchymal stem cells from the umbilical cord
- ❖ Establishment of an in vitro adipose tissue model
- ❖ Development of new functional assays
- ❖ Independent planning and execution of experiments, as well as the evaluation, interpretation, and presentation of results
- ❖ Writing reports and publications
- ❖ Assistance in creating educational materials and supervising thesis projects
- ❖ Literature research
- ❖ Collaboration in the writing of research proposals

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

Desirable skills and qualifications

- ❖ Enthusiasm and a strong interest in practical laboratory work with human stem cells
- ❖ Experience working in a sterile hood
- ❖ Proficiency in cell culture techniques, preferably with stem cells and 3D cell cultures
- ❖ Analytical mindset and the ability to interpret complex data and transform it into meaningful results
- ❖ Excellent communications skills English, German is an asset
- ❖ High motivation for the scientific investigation of the project
- ❖ Creativity, teamwork and a high level of independent work
- ❖ Willingness to engage in extended research stays abroad

Applications can be submitted until: 23rd of February 2024

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

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 17)**

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

www.boku.ac.at