

The Department of Agricultural Sciences, Institute of Crop Breeding and Genomics, is currently seeking a

Postdoctoral Research Associate

(Reference code 57)

Extent of employment: 40 hours per week

Duration of employment: 1st of May 2026, limited to 29th of February 2028

(with option for temporary extension)

Workplace: 3430 Tulln an der Donau

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

B1 lit. b

Gross monthly salary: (depending on previous eligible experience) at least: € 5.014,30

(payable 14 times per year)

Responsibilities

- Independent research in quantitative genetics and data-driven predictive breeding at postdoctoral level
- Develop tools and methods to advance classical breeding, build reproducible data analysis pipelines (R/Python) for large data sets, ensure data governance and documentation
- Teach core and elective courses in plant breeding, especially in quantitative genetics, experimental design and biostatistics; provide methodological consulting
- Supervise and mentor PhD, MSc, and BSc students
- Acquire third party funding; manage projects and deliverables with national and international academic and industry partners
- Publish in peer reviewed journals; present at conferences; contribute to science communication and outreach
- Support technology/knowledge transfer (Third Mission) and engage with stakeholders in plant breeding and agriculture

Required skills and qualifications

- Doctorate degree / PhD in Plant Breeding, or related field for example: Animal Breeding, Quantitative Genetics, Statistical Genetics, Population Genetics, ...
- Passion for crop breeding, enthusiasm for teaching and scientific work and keen interest in performing statistical analyses

- Very good knowledge of quantitative genetics
- Very good knowledge and comprehensive experience in biostatistics including AI-based techniques
- Very good programming skills, e.g. the statistical software 'R' or 'Python'; ability to work with big data (e.g. genomic or transcriptomic sequences, SNP profiles) and phenotypic data
- Very good organizational and communication skills, personal commitment, resilience, flexibility, and in particular, the ability to work in a team and a willingness to cooperate are required
- Excellent communication skills in English (spoken and written), knowledge of German (B2) is an advantage

Desirable skills and qualifications

- Experience and expertise in teaching, supervising scientific work, and mentoring junior researchers (doctoral students)
- Experience in the acquisition and implementation of research projects
- Cooperation with research institutions as well as with partners from the private sector

Applications can be submitted until: 10th of April 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
- Doctoral degree certificate
- ORCID, list of publications (peer reviewed and others), presentations and own projects

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

E-Mail: recruiting@boku.ac.at. (**Reference code: 57**)

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

www.boku.ac.at