

The Department of Integrative Biology and Biodiversity Research, Institute of Botany is currently seeking a

## **Postdoctoral Research Associate**

(Reference code: 77)

Extent of employment: 40 hours per week  
Duration of employment: limited to 30<sup>th</sup> of April 2026

Workplace: 1180 Vienna

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1 lit. b, € 4.351,90

### **Responsibilities**

- Research in the field of tree (eco)physiology. The main objective is to investigate the multi-functionality of the living green bark in terms of: carbon balance, plant hydraulics, gas exchange, light transmission, and biomechanical functions
- Develop practical methodologies for investigating relationships between structure and function
- Support the management of ongoing scientific projects and the application for future research projects
- Teaching in German and/or English (~ 2h / week / semester) and supervision or co-supervision of master and/or PhD students
- Administrative tasks as part of the university self-administration

### **Required skills and qualifications**

- Doctoral degree/PhD in a relevant field
- Several first-author publications in international peer-reviewed journals
- Experience in developing methodology and set-ups for (eco)physiological measurements
- Proficient in spoken and written English

### **Desirable skills and qualifications**

- Comprehensive knowledge of plant physiology and anatomy
- Experience in using stable carbon isotopes to study gas-exchange
- Practical experience with techniques used to study plant anatomy (microscopy, microCT, image analysis, etc.)
- Experience with data analysis and statistics, including programming (R, Python, etc.)
- Acquisition of own research projects
- Experience in project management
- Teaching experience in German and English
- Knowledge of German

Applications can be submitted until: 23<sup>rd</sup> of May 2023

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 as one PDF-file incl.

- CV with professional teaching and research activities and a list of publications
- a brief analysis (max. 1 page) of why you think you are particularly qualified for this position
- contact details of 1-2 referees

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70,  
1190 Vienna; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). **(Reference code: 77)**

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

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