



The Department of Crop Sciences, Institute of Viticulture and Pomology is currently seeking a

## Postgraduate Research Associate PhD position / Project employment (Reference code: 123)

Extent of employment: 30 hours per week  
Duration of employment: 15<sup>th</sup> of September 2020, limited to 14<sup>th</sup> of September 2023

Workplace: UFT-Tulln, 3434 Tulln a.d. Donau

Gross monthly salary and pay grade in terms of collective agreement  
for university staff (payable 14 times per year): B1, € 2.196,80

### Responsibilities

- Study of the grapevine response to draught using semi-controlled field experiments in combination with greenhouse experiments
- Detailed characterization of the grapevine ecophysiology response to different degrees of draught stress (e.g. gas exchange, water potential, chlorophyll fluorescence)
- Study of the physiological traits linked to the response to drought (leaf traits, petiole/stem xylem anatomy)
- Study of the water use efficiency of grapevines by weighting lysimeters
- Sampling and analyses of vine tissues (leaves, berries) for metabolites analyses in HPLC and HPIC

### Required skills and qualifications

- Master degree in Viticulture, Agriculture, Plant Sciences, Food Sciences, or related fields
- Previous experience working with grapevines
- Excellent knowledge of English
- Social- and teamwork skills

### Desirable skills and qualifications

- Knowledge of German language
- Experience in scientific writing
- Knowledge of the applied techniques or previous experience on plant eco-physiology, plant hydraulics, water relations

Applications can be submitted until: 18<sup>th</sup> of August 2020

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.

Please send your job application to Personnel department, University of Natural Resources and Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). (Reference code: 123)

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

[www.boku.ac.at](http://www.boku.ac.at)