

The Department of Material Sciences and Process Engineering, Institute of Molecular Modeling and Simulation is currently seeking a

Postgraduate Research Associate

(Reference code: 192)

Extent of employment: 30 hours per week

Duration of employment: from Oktober 2021, limited to 31st of May 2023

Workplace: 1190 Vienna, Muthgasse 18

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1, € 2.228,60

Responsibilities

- Independent research in biomolecular modeling and simulation
- Focus on stability and selectivity of proteases
- Development of force field parameters for relevant biomolecular systems

Required skills and qualifications

- Diploma degree in Biotechnology or other equivalent university degree
- Experience with the GROMOS simulation software
- Experience in enhanced sampling methods

Desirable skills and qualifications

- Knowledge of proteases and the factors leading to substrate specificity
- Experience with force-field parameterization

Applications can be submitted until: 6th of October 2021

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

to Personnel department, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: kerstin.buchmueller@boku.ac.at. **(Reference code: 192)**

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

www.boku.ac.at