



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

Postgraduate Research Associate PhD position

(Reference code: 15)

Extent of employment: 30 Hours per Week
Duration of employment: 01st of May 2019, limited to 30th of April 2023

Workplace: Muthgasse 18, 1190 Vienna

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1, €2.148,40

Responsibilities

- Molecular dynamics simulations of diverse protein systems
- Qualitative and quantitative description of molecular interactions
- Implementation of novel algorithms to compute binding affinities

Required skills and qualifications

- Degree in Biotechnology

Desirable skills and qualifications

- Experience with the GROMOS molecular dynamics simulation package
- Experience in free-energy calculations, enhanced sampling methods
- Knowledge of artifacts in the calculation of electrostatic corrections

Applications can be submitted until: 28th of February 2019

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. **(Reference code: 15)**

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

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