



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

Postdoctoral Research Associate (temporary replacement)

Reference code: 16

Extent of employment: 40 Hours per Week
Duration of employment: 01st of May 2019, limited to 31st of October 2019

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 lit. b, € 3.803,90

Responsibilities

- The position involves simulation techniques for complex biomolecular systems. Research into the structure, dynamics and function of such systems will be performed.
- Contributions in teaching on these subjects will be expected
- Development of methods to include quantum methods in classical simulations
- Further development of the GROMOS simulation software
- Application of the newly developed methods to biomolecular systems of particular interest to BOKU

Required skills and qualifications

- Doctorate degree in Biotechnology, Chemistry or Physics
- Experience with the GROMOS simulation package
- Excellent programming / scripting skills

Desirable skills and qualifications

- Experience in method development in molecular dynamics simulations

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: 16)**

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

www.boku.ac.at