



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

Postdoctoral Research Associate

(Reference code: 77)

Extent of employment: 40 Hours per Week
Duration of employment: 1st of July 2019, limited to 30th of June 2025

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

- ❖ Independent research on realistic computational descriptions of complex molecular systems
- ❖ Method development towards the automation of simulation setups
- ❖ Incorporation of novel molecular entities in the GROMOS force field
- ❖ Further development of the GROMOS software
- ❖ Contribution in teaching in molecular modeling and simulation
- ❖ Supervision of Bachelor-, Master- and PhD-students

Required skills and qualifications

- ❖ Doctoral degree/PhD
- ❖ Background in physics and statistical mechanics
- ❖ Training in didactics and experience in university teaching
- ❖ Experience with the GROMOS simulation package
- ❖ Excellent programming skills

Desirable skills and qualifications

- ❖ Experience in method development for molecular simulations
- ❖ Experience with GROMOS force field parameterization
- ❖ Experience with the acquisition of third party funding
- ❖ Experience with the supervision of students

Applications can be submitted until: 7th of May 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: 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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