



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

Postgraduate Research Associate

(Reference code: 83)

Extent of employment: 30 Hours per Week
Duration of employment: 01st of September 2016 to 31st of August 2020

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1, €2.022,40

Responsibilities

- Molecular dynamics simulations of diverse protein systems
- Validation and optimization of dihedral backbone parameters for use in biomolecular simulations
- Implementation of a new method to validate and optimize force-field parameters

Required skills and qualifications

- Completed degree in Biotechnology

Desirable skills and qualifications

- Experience with the GROMOS molecular dynamics simulation package
- Experience in comparisons of molecular simulations with observables from e.g. NMR experiments

Applications can be submitted until: 04th of August 2016

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: 83**)

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

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