

The Department of Natural Sciences and Sustainable Resources, Institute of Molecular Modeling and Simulation is currently seeking a

Postgraduate Research Associate

(Reference code 74)

Extent of employment: 30 hours per week

Duration of employment: 3rd of May 2025, limited to 2nd of May 2027

Allocation in compliance with the Collective Agreement for University Staff to job group: B1

Gross monthly salary: (depending on previous eligible experience) at least: € 2.786,10
(payable 14 times per year)

Responsibilities

- Molecular dynamics simulations of biomolecular systems
- Development of free-energy calculation methods
- Improved methods for alchemical calculation for site directed mutagenesis

Required skills and qualifications

- Diploma degree in Chemistry, Molecular Sciences or other equivalent university degree
- Language skills: English
- Experience in classical molecular dynamic simulations using GROMOS
- Background in computational chemistry

Desirable skills and qualifications

- Experience with alchemical free-energy calculations
- Basic knowledge of statistical thermodynamics
- Basic knowledge about computational drug design

Applications can be submitted until: 12th of April 2025

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 Management, University of Natural Resources and Life Sciences,
Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 74)**

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

www.boku.ac.at