

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

## Postgraduate Research Associate project employment (Reference code: 28)

Extent of employment: 30 hours per week  
Duration of employment: 1<sup>st</sup> of April 2023, limited to 31<sup>st</sup> of March 2026

Workplace: 1190 Vienna, Muthgasse 18

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1 € 2.458,00

### Responsibilities

- Be part of the Christian Doppler Laboratory “Molecular Informatics in the Biosciences”
- Be the responsible doctoral candidate for the Project “Protein-protein interactions”
- Develop simulation techniques to robustly quantify the interactions between proteins
- Perform molecular dynamics simulations using GroScore
- Collaborate with a team of academic and industrial partners

### Required skills and qualifications

- Diploma degree in Biotechnology, Computational Sciences or other equivalent university degree
- Language skills: English
- Strong background in computational and/or theoretical chemistry
- Interest in the development of enhanced sampling methods
- Interest in the application of molecular simulation in drug design settings

### Desirable skills and qualifications

- Experience in molecular simulations of biomolecules
- Experience at the interface between academia and industry
- Good programming skills in C++ and/or Python

Applications can be submitted until: 9<sup>th</sup> of March 2023

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
- Copies of degree certificates

to Personnel department, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70,  
1190 Vienna; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). **(Reference code: 28)**

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

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