University of Natural Resources and Life Sciences Vienna – responsibility for Humans and Nature. We work for the sustainable use and protection of natural resources.

The Department of Biotechnology, Institute of Computational Biology is currently seeking a

Postgraduate Research Associate
project employment
(Reference code: 59)

<u>Extent of employment:</u>   30 hours per week
<u>Duration of employment:</u>   1st of July 2024, limited to 31st of May 2027

<u>Workplace:</u> 1190 Vienna, Muthgasse 18

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1, € 2.684,10

Responsibilities

- Computational prediction and characterisation of protein-protein interaction interfaces using workstations and high performance compute clusters
- Developing and application of machine learning methods
- Maintaining code and documentation in open source repositories
- Writing scientific publications and a cumulative PhD theses (PhD thesis is desired)
- Presenting results in seminars and scientific meetings
- Consultation of and interaction with computational and life science experts
- Conducting outreach activities

Required skills and qualifications

- Diploma degree in Biotechnology or other equivalent university degree
- Good command of written and spoken English
- Experience with applying biostatistics or machine learning for biological data analysis (e.g. demonstrated by a respective MSc theses)
- Excellent command of R (e.g. applying bioconductor libraries) or Python (numpy, pandas, scikit learn)
- Completed lectures with a machine learning and biostatistics focus
- Domain knowledge in molecular biology
- Experience with information retrieval using biological repositories
- Practical experience in life science research (e.g. student practica or student job)

Desirable skills and qualifications

- Good command of German
- Scientific curiosity
- Self driven, hands on attitude and a willingness to accept advise
- Good team player

Applications can be submitted until: 2nd of May 2024

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.

universität des lebens

Please send your job application incl.

- Motivation letter
- CV
- Copies of relevant certificates and appraisal reports
- Names of two referees who may be contacted for written references

to Dr. Peter Sykacek, E-Mail: peter.sykacek@boku.ac.at; **(Reference code: 59)**

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

www.boku.ac.at