Data Scientist / Computational Biologist

Senior staff scientist (long-term)

University of Salzburg, Austria

The senior scientist will be part of the Computational Systems Biology group at the University of Salzburg. The young group and PI have developed innovative and interpretable computational models based on biological network knowledge to explain variations in big biological data, as published in recent high-impact publications.

Website: https://plus.ac.at/fortelny

The position is permanent and full-time (40h/week). The city of Salzburg is ranked among the top 25 small cities (MONOCLE magazine), with ample natural and cultural attractions as well as fast connections to Vienna and Munich. The University of Salzburg has 18 000 students, and a highly collaborative research environment in both biomedical and computational sciences.

Responsibilities
- Development of methods combining network biology, statistics, and machine learning
- Analysis of multi-omics and single-cell data sets
- Development of databases and software packages
- Teaching, supervision of internships, co-supervision of graduate students
- Assistance with the organization of conferences and science communication
- Contributions to publications and grants

Requirements
- Relevant doctoral degree (bioinformatics, computational biology, or similar)
- Publication experience in computational biology
- Experience with machine learning, statistics, and other quantitative sciences
- Extensive knowledge of the programming languages R and/or Python
- Good understanding of key biological concepts
- Excellent English skills, German is expected within a reasonable time frame

Additional relevant expertise
- Integrative analysis across multi-omics and single-cell data
- Machine learning algorithms or computational models of biological systems
- Expertise with immunology and cancer biology

Enthusiastic computational scientists who are motivated to ask systematic questions in biology are encouraged to apply. Please send your motivation letter (one to max. two pages), CV, and names of three reference contacts to bewerbung@plus.ac.at, providing the reference number "**GZ A 0125/1-2021**" in the subject line.

Application deadline: **November 17th, 2021**

We look forward to hearing from you!