Job posting

Type of position
☒ scientific
☐ administrative

Target group
☒ graduates
☐ post docs
☐ other

Title
University Assistant (praedoc)
at the Department of Analytical Chemistry,
Faculty of Chemistry, University Vienna

Institution

Position
University Assistant (praedoc)
at the Department of Analytical Chemistry

Reference number: 10851

The Department for Analytical Chemistry focuses on systems wide quantitative trace analysis. The aim of the institute is not only to develop the analytical and numerical methods and to decode the complexity of life, but also to bring them into practice. To strengthen our dedicated team, we are looking for a Prae Doc in the field of Cheminformatics and Computational Biology, who will join the group of Jürgen Zanghellini. The group’s research is focused on developing and applying mechanistic modelling and data science approaches for the systems-wide analysis of multi-omics data.

Duration of employment: 4 years
Extent of Employment: 30 hours/week
Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 Grundstufe (praedoc) with relevant work experience determining the assignment to a particular salary grade.

Responsibilities
Specifically, the successful candidate will work in a multidisciplinary team and develop new computational platforms for multi-omic data analysis. Furthermore, the candidate will have to teach courses independently to the extent specified in the collective agreement.
- Participation in publications / academic articles / presentations
- We expect the successful candidate to sign a doctoral thesis agreement within 12-18 months
- Supervision of students
- Involvement in the organisation of meetings, conferences, symposiums
- Involvement in the department administration as well as in teaching and research administration

**Requirements**

- Completed natural science diploma or master's degree
- Relevant programming knowledge, especially in Python, and an ability to operate in Linux-based (high-performance computing) systems
- Supervision of practical courses
- High ability to express yourself both orally and in writing
- Excellent command of written and spoken English
- Ability to work in a team

Desirable qualifications are:
- The successful candidate will be a team player with high verbal and written skills as well as previous experience in one or more of the following areas: bioinformatics, transcriptomics, metabolomics, molecular dynamics, systems biology, big data analytics and/or machine learning.
- Teaching experience / experience of working with e-learning
- Knowledge of university processes and structures
- Experience abroad
- Basic experience in research methods and academic writing

Application documents:
- Letter of Motivation incl. research interests
- Curriculum vitae
- List of publications, evidence of teaching experience (if available)
- Degree certificates

Research fields:
Main research field: Computer Sciences
Special research fields: Bioinformatics
Importance: must

Education:
Educational institution: University
Educational level: Chemistry
Special subject: Analytical chemistry
Importance: must

Languages:
German:
Language level: Very good knowledge
Importance: must
English:
Language level: Very good knowledge
Importance: must
Computer-Skills:
Type of computer skills: Basic Knowledge / Operating system knowledge
Specified computer skills: Others / Linux
Importance: must / must

Application procedure (deadline etc.)
Applications including a letter of motivation (German or English) should be submitted via the Job Center to the University of Vienna (http://jobcenter.univie.ac.at) no later than 08.06.2020, mentioning reference number 10851.

The University pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity (http://diversity.univie.ac.at/). The University lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.

Human Resources and Gender Equality of the University of Vienna
Reference number: 10851
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna

Contact
For further information please contact Hilbert, Andrea +43-1-4277-52301, Zanghellini, Jürgen.