Job posting

Type of position
☒ scientific
☐ administrative

Target group
☒ graduates
☐ post docs
☐ other

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

Institution

Position
University Assistant (post doc)
at the Department of Analytical Chemistry

Reference number: 11856

We are pleased to advertise a Postdoc position at the Institute of Analytical Chemistry in the group of Prof. Jürgen Zanghellini. The group combines mathematical modelling and high performance computing with a data science approach in order to decode and understand cellular functions. You will focus on the development of computational, systems biology methods to analyse the growth of cancer cells and the identification of drug targets.

Duration of employment: 3 years
Extent of Employment: 40 hours/week
Job grading in accordance with collective bargaining agreement:
§48 VwGr. B1 lit. b (postdoc) with relevant work experience determining the assignment to a particular salary grade.

Responsibilities
This position is ideal for an ambitious scientist with a background in computational (systems) biology, bioinformatics, data science and/or mathematics. Additionally we expect active participation in research, teaching and administration. This includes:
- Creating/developing an independent research profile
- Participating in research projects and in scientific studies
- International publishing and speaking
- Applying for grants and funding
- Preparing and finishing a publishable Habilitation (postdoc thesis)
- Teaching as required (according to the collective bargaining agreement)
- Supervision of students
- Participating in performance evaluation and quality assurance measures
- Research, teaching and general administration

**Requirements**

- PhD in (computational) systems biology, bioinformatics, data science or related subjects
- Good communication and the ability to work in a team
- Strong programming experience, ideally Python or R
- Proven ability to publish in top international journals
- Excellent spoken and written English

The following would be an advantage:
- Experience in constraint-based methods
- Experience in external fundraising
- Teaching experience

We also expect:
- Teaching and e-learning experience
- Experience in collaboration at research projects
- Publication record in quality media (peer reviewed dependent on subject)
- Experience giving talks

Application documents:
- Letter of motivation
- Academic curriculum vitae (including a list of publications, a list of courses and a list of talks given)
- Description of research interests and research agenda
- Contact details of people who would provide a letter of reference

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

**Education:**
Educational institution: University
Educational level: Mathematics, Computer Sciences
Special subject: Bioinformatics
Importance: must

**Languages:**
Language: English
Language level: Excellent knowledge
Importance: must
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 21.04.2021, mentioning reference number 11856.

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: 11856
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna

Contact

For further information please contact Zanghellini, Jürgen +43-1-4277-52306, Danek, Theodora +43-1-4277-52340.