

The University of Vienna (20 faculties and centres, 184 fields of study, approx. 10.400 members of staff, about 90.000 students) seeks to fill the position as soon as possible of a

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

**Reference number: 13567**

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 year/s

**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.

### **Job Description:**

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

### **Profile:**

- PhD in (computational) systems biology, bio informatics, 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:**

	<b>Main research field</b>	<b>Special research fields</b>	<b>Importance</b>
Chemistry		Analytical chemistry	SHOULD
Biology		Bioinformatics	SHOULD
Mathematics		Biomathematics;Analysis	SHOULD

**Education:**

	<b>Educational institution</b>	<b>Educational level</b>	<b>Special subject</b>	<b>Importance</b>
University		Chemistry	Analytical chemistry	SHOULD
University		Mathematics, Computer Sciences	Bioinformatics	SHOULD

**Languages:**

	<b>Language</b>	<b>Language level</b>	<b>Importance</b>
English		Excellent knowledge	MUST
German		Very good knowledge	SHOULD

**Computer-Skills:**

	<b>Type of computer skills</b>	<b>Specified computer skills</b>	<b>Importance</b>
Basic Knowledge		MS Office	MUST
Basic Knowledge		MS Outlook	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 05.10.2022, mentioning reference number 13567.

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

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: 13567**

E-Mail: [jobcenter@univie.ac.at](mailto:jobcenter@univie.ac.at)

[Privacy Policy of the University of Vienna](#)