Job posting

Type of position

☒ scientific
☐ administrative

Target group

☐ graduates
☒ post docs
☐ other

Title

Senior Scientist in Informatics
at the Institute of Analytical Chemistry, Faculty of Chemistry, University Vienna

Institution

At the University of Vienna more than 10,000 personalities work together towards answering the big questions of the future. Around 7,500 of them do research and teaching, around 2,900 work in administration and organisation.

Among the many reasons to research and teach at the University of Vienna there is one in particular, which has convinced around 7,500 academic staff members so far. They see themselves as personalities who need space for continuous striving for top international research and scientific excellence. At the same time they enjoy support and liberties that are not a given at other institutions. Does that sound like something for you? Welcome to our team!

What we offer:

Work-life balance: Our employees enjoy flexible working hours, remote/hybrid (upon agreement).
Inspiring working atmosphere: You are a part of an international academic team in a healthy and fair working environment.
Good public transport connections: Your workplace in the center of beautiful Vienna is easily accessible by public transport.
Internal further training & Coaching: Opportunity to deepen your skills on an ongoing basis. There are over 600 courses to choose from – free of charge.
Fixed-term contract and fair salary: The basic salary of EUR 4,351.90 (14 times a year for senior scientists postdoctoral) increases, if we can credit professional experience.
Equal opportunities for everyone: We look forward to diverse personalities in the team!

Position

52 Faculty of Chemistry
Job vacancy starting: 12/01/2023 | Working hours: 40,00 | Classification CBA: §48 VwGr. B1 lit. b (postdoc)
Job ID: 1516

Responsibilities

Your personal sphere of play:

The Ahrends laboratory (https://lipidomics.at/) is located in the heart of Vienna at the Institute of Analytical Chemistry, University Vienna. Besides scientific activities in developing new and improved computational and measuring methods, research is undertaken in biomedical and preclinical research fields, generating innovative bioanalytical tools for tomorrow today. We invite applications for a Senior Scientist in informatics. The lab seeks a talented and
highly motivated computational scientist to pursue scientific work in small molecule bioinformatics. The primary focus is the setup of lipidomics search engines and providing databases for targeted lipidomics in biomedical research. A successful candidate will work with interdisciplinary teams (clinical, biostatistics, analytical, and bioinformatics scientists) and will streamline data analysis and integration across various domains. Regular publication of scientific and methodological results is strongly encouraged. Finally, the successful candidate will be able to effectively present complex results in a clear and concise manner that is accessible to a diverse audience of quantitative, experimental, and clinical scientists.

Your future tasks:

Active participation in research, teaching & administration, which means:

- Developing and strengthening the independent research profile
- Involvement in research projects/research studies
- International publications and presentations
- Responsibility for project applications and the acquisition of third-party funding
- Preparing/writing a (publication-ready) habilitation thesis
- Independent teaching of courses as defined by the collective agreement
- Supervision of students
- Participation in evaluation measures and quality assurance
- Involvement in the department administration as well as in teaching and research administration

Requirements

- PhD in informatics, with a strong publication record in bioinformatics
- Knowledge of lipid structures and fragmentation rules
- A solid understanding of the relevant concepts in mass spectrometry-based lipidomics and/or metabolomics
- Enthusiasm for learning more
- Broad experience in Software development, protection, and care of the bioinformatics infrastructure
- An understanding of the statistical principles behind current best practices in the field
- Strong experience using low and high-level programming languages such as JAVA, C++, and C#. Python
- Substantiated knowledge in efficient algorithms and data structures
- Strong communication, data presentation, and visualization skills. Therefore, English is required (Level C1) and German is an advantage
- Ability to work independently and collaboratively and handle several concurrent, fast-paced projects.

In addition, we expect the successful candidate to have:

- Teaching experience/experience of working with e-learning
- Experience working on research projects
- Publications in renowned, subject-relevant media (peer-reviewed, depending on the professional standards)
- International presentation experience. Desirable qualifications are:
- Knowledge of university processes and structures
- Experience abroad
• Experience of supervising students

**Application procedure (deadline etc.)**

**It is that easy to apply:**

- With your scientific curriculum vitae / letter of intent
- With your list of publications
- With your summary of research interests (max. 1 p.)
- Doctoral Degree
- Contact details of persons who could provide reference letters
- Via our job portal/Apply now-button

We look forward to new personalities in our team!
The University of Vienna has an anti-discriminatory employment policy and attaches great importance to equal opportunities, the advancement of women and diversity. We lay special emphasis on increasing the number of women in senior and in academic positions among the academic and general university staff and therefore expressly encourage qualified women to apply. Given equal qualifications, preference will be given to female candidates.

**University of Vienna. Space for personalities. Since 1365.**

**Data protection**

**Application deadline:** 11/24/2023

**Contact**

If you have any content questions, please contact:
Robert Ahrends (robert.ahrends@univie.ac.at)