Job posting

Type of position
☒ scientific
☐ administrative

Target group
☐ graduates
☒ post docs
☐ other

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

Institution

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

Reference number: 10736

The group of Ivo Hofacker at the Department of Theoretical Chemistry is hiring an excellent co-worker on the postdoc level. The group works on the development of algorithms and methods for problems in Computational Chemistry, Systems Chemistry, and Computational Biology, with a special focus on RNA bioinformatics. We offer a challenging scientific environment and a good working atmosphere.

Duration of employment: 6 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
Excellent research in the area of RNA computational biology as well as participation in teaching and administration. This includes:
• Developing and strengthening the independent research profile
• Involvement in research projects
• International publication 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

• Doctoral degree/PhD degree in Molecular Biology, Theoretical Chemistry, Computer Sciences, Bioinformatics or Computational Sciences
• Track record of mobility and international research experience
• Familiarity with nucleic acid biophysics and thermodynamics
• Previous work simulating molecular systems, especially coarse-grained models
• Excellent programming skills, experience in design, implementation, usage of bioinformatics algorithms
• Experience in academic teaching
• Experience in working on research projects
• Publications in renowned, subject-relevant journals and conferences
• International presentation experience
• High ability to express yourself both orally and in writing
• Ability to work in a team

Desirable qualifications are:
• Experience working with the ViennaRNA software package, both as user and developer
• Expertise in structural RNA bioinformatics, with a focus on RNA secondary structure prediction, design and kinetics
• Familiarity with the design of multi-standed nucleic acid systems
• Familiarity with chemical reaction network theory
• Experience with RNA folding kinetics and analysis of discrete folding landscapes
• Knowledge of university processes and structures

Application documents:
• Letter of motivation
• Academic curriculum vitae (including list of publications, list of courses and list of talks given)
• Contact details of people who could provide a letter of reference

Research fields:
Main research field: Chemistry
Special research fields: Theoretical Chemistry
Importance: should
Education:
Educational institution: University
Educational level: Natural Sciences
Special subject:
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: Programming language/ Operating system knowledge/ Basic knowledge
Specified computer skills: Others/ Linux/ Others
Importance: 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 23.04.2020, mentioning reference number 10736.

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: 10736
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna

Contact
For further information please contact Hofacker, Ivo +43-1-4277-52738.