### Job posting

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**Title**

University Assistant (prae doc) at the Department of Organic Chemistry, Faculty of Chemistry, University Vienna

**Institution**

**Position**

University Assistant (prae doc) at the Department of Organic Chemistry

Reference number: 11303

The Organic Synthesis Group of Prof. Bonifazi in the Faculty of Chemistry at the University of Vienna is currently seeking a PhD student with research experience in organic chemistry for exploring chalcogen-bonding interactions to prepare functional organic materials.

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**

Studies on strength of chalcogen bonding (Secondary Bonding Interactions implying the heavier chalcogens) to be challenged for feasible applications at the solid state, in order to develop functional supramolecular 2D materials. We expect the successful candidate to sign a doctoral thesis agreement within 12-18 months.  
- Participation in research projects led by the Group  
- Participation in publications / academic articles / presentations  
- Supervision of students  
- Participation in teaching and independent teaching of courses as defined by the collective agreement
Requirements

A degree in Chemistry with deep knowledge and practical experience in Organic Synthesis. Additional knowledge and experience in photochemistry and related field. Excellent command of written and spoken English. Experience in the field of organic chemistry, in particular synthesis of \( \pi \)-conjugated heterocyclic units and luminescent chromophores and classical metal-transition cross coupling reactions. Experience on heteroatom-doped systems and push-pull systems, as well as on their use to design a functional chemical system will be regarded as an added value.

Application documents:
- Letter of motivation including research interests
- Academic curriculum vitae
- List of publications, evidence of teaching experience (if available)
- Degree certificates and IELTS certificate (minimum 6.5) at the start of the employment.

Research fields:
Main research field: Chemistry
Special research fields: Organic chemistry
Importance: must

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

Languages:
English:
Language level: Excellent knowledge
Importance: must

Computer-Skills:
Type of computer skills: Basic Knowledge
Specified computer skills: 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 30.09.2020, mentioning reference number 11303.

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: 11303
E-Mail: jobcenter@univie.ac.at
Privacy Policy of the University of Vienna

Contact

For further information please contact Roitner, Barbara +43-1-4277-52148.