

The Department of Chemistry, Institute of Chemistry of Renewable Resources wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

Chemistry with a focus on Green chemistry

Working time: 40 hours a week

Term of the employment relationship: 1st of January 2022, limited to a period of 6 years

Workplace: BOKU UFT (Tulln) and BOKU Muthgasse (Vienna)

Allocation in compliance with the Collective Agreement for University Staff to job group: B1 lit. b

Gross monthly salary (depending on previous eligible experience) at least: € 3,945.90 (14 x a year, in addition we also offer an attractive career development programme and an extensive range of social benefits)

Target group

§99 (5) positions offer academics with high potential and the relevant achievements the opportunity of an academic carrier ranging from a postdoc position to that of assistant professor and on to associated professor. The position of associated professor can be achieved at the latest six years after the appointment. §99 (5) positions are aimed at academics with a doctorate/PhD degree, with high potential, who are close to or have already successfully completed a habilitation. Experience at other universities or research institutes abroad is expressly welcome.

Tasks and focus areas

- Research in the field of Chemistry with a focus on Green Chemistry, especially research in the field of organic and analytical chemistry of lignocellulosic materials and their aging and degradation processes, organic-inorganic hybrid materials, biorefinery chemistry as well as method development in the field of “green chemistry”
- Representation of these research areas in the national and international context
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the University of Natural Resources and Life Sciences
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects
- Co-organisation and co-establishment of the trilateral Master's programme “Green Chemistry”
- Leading of a research group
- Active participation in the development of the institute with regard to laboratory safety and quality management; participation in audits, certifications, laboratory safety aspects, laboratory management
- Support in apprentice training
- Organization of popular science public events, public relation activities

Requirement profile

- Completed doctorate in a relevant field
- Sound professional experience in the scientific field as a postdoc
- Excellent publication achievements as well as international orientation and recognition
- Willingness and ability to lead your own research team incl. the necessary funding this requires (third-party funding)

- Enthusiasm for outstanding teaching
- The applicant should be internationally recognized in at least one of the following areas and have their research focus in the following areas:
 - Chemistry and analysis of polysaccharides with emphasis on cellulose or hemicellulose
 - Experience in chromatographic methods
 - Fiber and textile chemistry
 - Chemistry and utilization of lignin and plant extracts
 - Innovative materials and chemicals from renewable resources
 - Green chemistry methods
 - Biorefinery chemistry
- Acquisition of competitively funded research projects
- Excellent knowledge of German and English, both written and spoken or willingness to learn German within the first two years

Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- First professional non-university (industrial) experience
- Experience with patent applications and granted patents
- First experience in participation in national and international committees and institutions in the field of green chemistry and lignocellulosic chemistry
- Experience in organizing scientific conferences/meetings
- Good organizational and management skills, excellent presentation skills
- Experience in project management

Publication date: 28th of June 2021

Closing date for applications: 2nd of August 2021

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

Please submit your application in English incl.

- Curriculum vitae with detailed presentation of professional, teaching and research activities
- List of all publications (refereed & non-refereed), lectures and projects
- Electronic transmission of the PDF files of five own publications which you consider to be particularly important
- Rough concept for future plans in research and teaching including your contribution to the scientific profile of the Department
- Teaching portfolio including evaluation results
- Brief explanation why you think you should be particularly suitable for this position (max. 1 page)

and indicating the reference code 132 to kerstin.buchmueller@boku.ac.at until 2nd of August 2021.

Applicants are not entitled to reimbursement of travel and accommodation costs incurred as a result of the selection procedure.

www.boku.ac.at