

The Department of Natural Sciences and Sustainable Resources, Institute of Chemistry of Renewable Resources, is currently seeking a

Postdoctoral Research Associate

Analysis of Lignocellulose (COE Project 1.4)

assigned to research program Green Cycles of Renewable Materials of **Cluster of Excellence (CoE) Circular Bioengineering** <https://www.circularbioengineering.at>

(Reference code 211)

Extent of employment: 40 hours per week

Duration of employment: 1st of November 2025, limited to 31st of October 2028

Workplace: BOKU University, 3430 Tulln, Konrad Lorenz-Straße 24

Allocation in compliance with the Collective Agreement for University Staff to job group:

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Gross monthly salary: (depending on previous eligible experience) at least: € 4.932,90
(payable 14 times per year)

About the Position:

We are seeking a motivated Postdoc to join our group within our Cluster of Excellence (<https://www.circularbioengineering.at>), where we tackle some of the most exciting challenges in lignocellulose chemistry focusing on analytical method development for lignocelluloses. Our research focuses on ways to deepen the understanding of basic lignocellulosic polymers, in particular cellulose, hemicellulose and lignin to provide basic knowledge for future applications and designing novel materials. This is your chance to contribute to work that has real-world applications and scientific significance.

What We Offer:

- **Cutting-Edge Research:** Work on innovative lignocellulose projects using state-of-the-art techniques and equipment
- **Mentorship and Collaboration:** Be part of a supportive team led by qualified researchers, with opportunities to collaborate with leading scientists worldwide
- **Skill Development:** Gain expertise in advanced experimental and analytical methods, as well as transferable skills like scientific writing and project management
- **Career Opportunities:** Present your work at international conferences, publish in high-impact journals and build a strong professional network

- Funding and Resources: Competitive funding, access to modern facilities and a vibrant academic environment

Required skills and qualifications

- Doctorate degree in Chemistry, Analytics or a related field
- Language skills: very good English skills
- Curious, creative, and driven to solve complex scientific problems
- Experience with cellulose and/or lignin is desirable
- Excited to work in a collaborative and interdisciplinary environment

Desirable skills and qualifications

- Experience in chemical synthesis
- Experience in analytical method development
- Experience in publishing in international, chemistry related, peer-reviewed journals
- Supervision of master or PhD students

Applications can be submitted until: 29th of October 2025

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 send your job application to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at.

(Reference code: 211)

- Please use this **Application form – Postdoc-positions**
- Please note that we will not be able to process your application without this form and unless it is sent to recruiting@boku.ac.at
- Following additional documents have to be submitted as .pdf files:
 - Curriculum vitae
 - Copy of certificates from the applicant's bachelor, master/diploma and doctoral studies
 - A translation of the documents is necessary if the original documents are not in English or German

For information on the further application procedure – online hearing and interviews – see
<https://www.circularbioengineering.at/jobs>

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at