



PhD Position

Development of polysaccharide-based materials for chiral HPLC



University of Natural Resources
and Life Sciences, Vienna
Department of Chemistry

The dissertation project is located at the interface between organic synthesis, chemistry of renewable resources and analytical chemistry. It focuses on hybrid materials derived from renewable polymers for the production of novel HPLC column materials for the separation and analysis of stereoisomers, especially enantiomeric compounds such as pharmaceuticals, vitamins or pesticides.

The PhD candidate will be a member of the ABC&M Doctoral School (<https://boku.ac.at/en/docservice/doktoratsstudien/doktoratsschulen/abcm>) and work together with an international team in a lab with new facilities.

Responsibilities:

- Perform required lab work (synthesis, characterization, liquid chromatography)
- Analyze and interpret research findings and results
- Present results at international conferences and write publications
- Contribute to public engagement activities

Required Skills and Qualifications:

- Chemistry, biotechnology: Master degree or equivalent
- Excellent command of English
- Work permit for Austria

Extent of Employment: 30 h/week, limited for 3 years, starting asap

Workplace: 3430 Tulln, AUSTRIA

Payment: Gross monthly salary and pay grade in terms of collective agreement for University staff (payable 14 times per year), comparable to FWF PhD, B1, EUR 2.205,60

If you are interested, or have further questions, feel free to contact us!



Please send your job application to:

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UFT Research Center Tulln, Department of Chemistry,
Institute for Chemistry of Renewable Resources

