



## The University of Natural Resources and Life Sciences, Vienna (BOKU)

is currently inviting applications for the position of a  
Full Professor of

### Downstream Processing

The University of Natural Resources and Life Sciences, Vienna (BOKU), Department of Biotechnology, seeks to appoint a Full Professor of Downstream Processing with 1<sup>st</sup> October 2020. The position is offered in accordance with § 98 of the 2002 Universities Act in the form of an ongoing contract.

The University of Natural Resources and Life Sciences, Vienna, the "Alma Mater Viridis", is the University of Sustainability and Life Sciences. It is BOKU's task to make a key contribution to the conservation and protection of resources for future generations through its wide variety of expertise. Combining natural sciences, engineering plus social and economic sciences, its aim is to increase knowledge of the ecologically and economically sustainable use of natural resources. With 11,000 students and over 2,800 staff members, BOKU is one of Europe's leading life science universities.

The Department of Biotechnology (DBT) has established a strong teaching and research portfolio in the field of downstream processing. These teaching and research activities are integrated in the Institute of Bioprocess Science & Engineering. The focus is currently on the development, modeling and control of processes for the production of high-quality economic goods such as biopharmaceuticals and diagnostics. This scientific focus is to be further strengthened.

The candidate's scientific focus should be on knowledge-based process development, miniaturization, automation and scale-up of important methods in downstream processing as well as model-based process design and process monitoring. Experience should above all be available in the purification of biopharmaceutical products and the modeling of the associated process steps. The candidate should have experience with industrially applicable processes and be familiar with problems and with the implementation in industrial practice.

Downstream Processing is an important building block for comprehensive training for the bachelor's degree in Food and Biotechnology, the master's degree in Biotechnology and in the doctoral programs BioToP and Bioprocess Engineering. The DBT has a pilot plant for the production of biopharmaceuticals, which allows the training of students under industry relevant conditions. Master's theses and dissertations are also carried out in this pilot plant which is a unique selling point in Austria and is also a beacon on an international level. The courses in downstream processing and bioprocess engineering should strengthen the engineering character of the existing teaching programs. Research groups in downstream processing traditionally maintain intensive cooperation with the working groups upstream processing and analytics, both in research and in teaching.

#### Job specifications:

- Venia docendi or foreign equivalent or an equivalent subject-relevant academic qualification.
- Relevant experience and competence in teaching, guidance in scientific work, as well as the supervision of junior scientists (PhD students). The candidate is expected to submit a teaching portfolio.
- Teaching in German and English.
- Excellent publication achievements in the scientific field.
- A minimum of one year research experience outside BOKU is expected.
- Subject-specific research experience of national and international reputation, as well as ability to network.
- Experience in the successful acquisition, execution and management of research projects.
- Cooperation with national and international research institutions and with relevant partners from public services and business.



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- Management and interpersonal skills, communication and team skills and a willingness to participate in public relations.
- Willingness to participate in relevant focus and cooperation programs of the University.
- Willingness to participate in the self-governance of the University of Natural Resources and Life Sciences, Vienna.

For more information about this position, please contact the Head of Department of Biotechnology, Univ.-Prof. DI Dr. Reingard Grabherr, phone: +43 1 47654 79001, email: [reingard.grabherr@boku.ac.at](mailto:reingard.grabherr@boku.ac.at).

Please send your application in German or English by email to [rektorat@boku.ac.at](mailto:rektorat@boku.ac.at) and one hard copy no later than **20th July 2020** (date on postage stamp) to the Rectorate of the University of Natural Resources and Life Sciences, Vienna (BOKU), Gregor-Mendel-Straße 33, 1180 Vienna, Austria.

Please include the following documents with your application:

- CV including details of professional, teaching and research activities (incl. presentation of teaching portfolios – further information is available in German at [http://www.boku.ac.at/fileadmin/data/H05000/H17100/Qualifizierungsvereinbarung/Lehrportfolio\\_-\\_Leitfaden\\_zur\\_Erstellung.pdf](http://www.boku.ac.at/fileadmin/data/H05000/H17100/Qualifizierungsvereinbarung/Lehrportfolio_-_Leitfaden_zur_Erstellung.pdf))
- List of publications (referenced / not referenced), presentations and projects
- Copies of 5 recent publications that you consider particularly important
- Draft concept for research and teaching; presentation of planned research priorities (max. 4 pages A4)
- Brief explanation of why you believe yourself to be particularly suitable for this position (max. 1 page A4)

By submitting the application, you also agree to the participation of an external recruitment consultant in the selection process.

The University of Natural Resources and Life Sciences, Vienna is seeking to increase the number of its female faculty members and therefore, qualified women are strongly encouraged to apply. Women are given priority when qualifications are equal, except in cases where there are outweighing factors concerning another candidate.

The employment contract is classified as group A1 of the collective agreement for university employees. Minimum gross yearly salary: € 73.441,20; the actual annual gross salary is subject to negotiation.

More information on this position and about BOKU and this department can be found on the website: <https://boku.ac.at/dbt>