

Institute of Biotechnology and Biochemical Engineering  
Graz University of Technology, TU Graz

## university assistant with doctorate

- According to the salaried employees act
- At the Institute of Biotechnology and Biochemical Engineering
- 40 hours per week, for 6 years
- Available from February 01, 2022

The Institute of Biotechnology and Biochemical Engineering is the main Austrian university institution for basic and applied research at the interface of biological sciences and process engineering. The aim is to achieve innovative solutions for efficient and accelerated process development in biotechnology using an integrated scientific-technological approach that combines modern methods of molecular and process bioengineering. The research activities are focused on three main fields: applied enzymology and enzyme technology; metabolic and reaction engineering for biocatalysis and renewable resource utilization; and glycobioengineering.

### POSITION

The field of the offered position (Applied Enzymology and Enzyme Technology) is one of the main focus areas of the Institute in research and teaching. The position is available in the research team of Prof. Bernd Nidetzky and will cover mechanistic and applied studies of carbohydrate-active enzymes. The research will be performed as a collaborative effort with strong links to major research initiatives in Graz in the fields of molecular enzymology, industrial biotechnology and pharmaceutical engineering. The position will also involve teaching at the graduate and undergraduate level in laboratory and lecture courses of general biotechnology and enzyme technology.

### REQUIREMENTS

A PhD in chemistry, molecular biology, biotechnology, biochemical engineering or a related field is required. Experience at the postdoctoral level is an advantage. Candidates must have their prior research documented in scientific publication(s). A solid background in basic and applied aspects of (bio)chemistry is needed. Expertise/knowledge of state-of-the-art techniques in protein chemistry and enzymology is important. Experience in the application of enzymes and in enzymatic reaction engineering is also important. The candidate should have interest and ideally also experience in translating results of basic research into technological/engineering applications. Candidates must have excellent skills in spoken and written English, and interpersonal skills for productive team work and group research efforts.

## WE OFFER

- Interesting area of responsibility
- Workplace Health Management
- Good connection to public transport
- Collegial working atmosphere
- Friendly working atmosphere
- University Sports Program

## Apply now

We look forward to your complete application (letter of motivation, detailed curriculum vitae, short scientific outline, references, further documents) with reference number 6510/21/024 to [jobs.tcvb@tugraz.at](mailto:jobs.tcvb@tugraz.at)

We offer a minimum annual gross salary based on full-time of € 55.242,60.

### Contact

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## APPLICATION DEADLINE

December 22, 2021