

At the **Straubing Campus for Biotechnology and Sustainability at the Technical University of Munich**, processes are being developed for sustainable and environmentally friendly chemical production. Due to the cross-industry and cross-disciplinary nature of the topic, experts from various disciplines work closely together on this. Modern biotechnological methods play a central role in this process.

We are looking for a

Research Assistant / Doctoral Student (m/f/d)

for an Industry research project on the

Production and characterization of biopolymers (exopolysaccharides) for their use in cosmetic formulations.

Within the work the following areas will be addressed:

- Fermentative production of exopolysaccharides
- Product isolation, purification and analysis
- Application-related characterization of exopolysaccharide formulations
- Development of a formulation screening platform

Your profile

- Above average successfully completed university studies in the fields of biotechnology, bioprocess engineering, life sciences or related fields
- Solid experience with work in microbiological or biotechnological laboratories
- Curiosity and interest in scientific issues
- Interest/Experience in rheology of liquids is a plus
- High level of commitment as well as teamwork and communication skills

We offer

- Salary according to TV-L, E 13, part-time (65 %). The employment is limited to 3 years.
- Within this project you will work closely to partners from industry and other institutes.
- As a TUM doctoral student, you are automatically a member of the TUM Graduate School. You will benefit from a comprehensive qualification and further education program, funding for travel abroad as well as target group-specific services and consulting offers.
- Severely disabled applicants will be given preference if their suitability is otherwise essentially equal.

The Technical University of Munich aims to increase the proportion of women in its workforce, and therefore expressly welcomes applications from women.

Please send your application by **August 19, 2022** with the subject **Cosmetic2** by e-mail to: **bew_cbr@cs.tum.de**.

Technische Universität München

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