

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 in applied Biotechnology or Chemistry (m/f/d)

for the SuReMo research project on the

Development of sustainable cosmetic formulations based on biopolymers (exopolysaccharides)

Within the work the following areas will be addressed:

- Development of sustainable cosmetic products to replace polyacrylate in cosmetic formulations in cooperation with an industry partner
- Implementation and validation of novel rheological methods
- Application-oriented characterization of exopolysaccharides and their respective formulations
- Development of a screening platform for cosmetic formulations
- Data analysis by “Design of Experiments” (DoE) and other statistical tools

Your profile

- Successfully completed graduate university studies with above-average performance in the fields of biotechnology, bioprocess engineering, life sciences or related fields
- Strong hands-on experience in microbiological and biotechnological laboratories
- Curiosity and interest in scientific issues
- Interest/Experience in rheology of liquids is a plus
- Highly committed, with excellent 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 with 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 comprehensive qualifications and further education program, funding for travel abroad, as well as target group-specific services and consulting offers.
- If applicants are equally qualified, those with severe disabilities will be given priority.
- 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 **December 31, 2025** with the subject **SuReMo CBR** via E-mail to: **bew_cbr@cs.tum.de**.

Technische Universität München

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