CALL FOR APPLICATIONS: 2 BACHELOR THESIS

The Chair of Werner Siemens for Synthetic Biotechnology at the Department of Chemistry at the Technical University of Munich in Garching has 2 openings for Bachelor Thesis position.

Characterization of C. oleaginosus

Microbial oils have been extensively investigated as a renewable platform for biofuel and oleo-chemical production. One prominent yeast strain in this field is *Cutaneotrichosporon oleaginosus*. Proteomic and metabolic characterization of this strain can deliver deep insight into metabolic drivers and regulators of lipogenesis.

Responsibility and Tasks:

- Utilize established methods of protein extraction, purification and digestion.
- Establish and utilize methods for growth analysis.
- Establish and utilize methods for metabolite extraction.

Requirements:

Suitable candidates are pursuing a Bachelor in biochemistry, molecular biology, biotechnology or equivalent fields. High team spirit and communication skills, and a high level of self motivation are key to accomplish the set tasks. Previous experience is an advantage. Please note that email applications should reference DAWAD2 in the Subject. *Internship in this subject field is also possible.*

Contact Information:

Dania Awad, PhDc
Werner Siemens-Lehrstuhl für Synthetische Biotechnologie (WSSB)
Department Chemie
Technische Universität München (TUM)
Lichtenbergstraße 4,
85748, Garching bei. München
+49 89 289 13498
dania.awad@tum.de