Jena School for Microbial Communication
Graduate School of Excellence

Robert Jesse

Professorship for Microbial Communication
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Title PhD Project: Role of Basidiomycete Small Molecules on Habitat-Sharing Microbes

Main Research Interests

- Interaction and communication in microbial consortia
- Recognition and transduction of signals inside the basidiomycete cell
- Impact of bacteria on fungal growth

Methodological Experiences

- Molecular and microbiological methods
- Microscopy
- Transcriptome analysis

Curriculum Vitae

EDUCATION

Since 2023	**PhD Student** Professorship for Microbial Communication Friedrich Schiller University Jena, Germany Supervisor: Prof. Erika Kothe
2022 - 2023	**Master thesis** Professorship for Microbial Communication Friedrich Schiller University Jena, Germany
2021 - 2023	**Master of Science in Microbiology** Friedrich Schiller University Jena, Germany
2021	**Bachelor thesis** Host Fungal Interfaces Centre for Innovation Competence, Germany Supervisor: Dr. Slavena Vylkova
2019 - 2021	**Bachelor of Science in Biology** Friedrich Schiller University Jena, Germany