



## Myriel Staack

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**Title PhD Project: Planctomycetal chemical mediators shaping aquatic phototrophic communities.**

### Main Research Interests

- The role of stieleriaceae in communities.
- The interplay in bi- and tripartite Planctomycete- Roseobacter- phototroph communities.
- The impact of Planctomycetes on phototroph differentiation.

### Methodological Experiences

- Microscopic Imaging
- Monitoring bacterial growth in cocultures via qPCR
- Chemical characterization of planctomycetal mediators

### Curriculum Vitae

- Since 07/2022 Member in the collaborative research center 1127 "ChemBioSys"
- Since 07/2022 Doctoral Researcher in the Jogler Lab (FSU, Jena)
- 06/2018- 06/2022 Student Assistant at the institute of medical diagnostics in the field of microbiology (Bioscientia GmbH, Jena)
- 10/2020- 06/2022 Master of Science Microbiology (FSU, Jena)
- Since 2020 Member in "Vereinigung für Allgemeine und Angewandte Mikrobiologie" (VAAM)
- 10/2017- 09/2020 Bachelor of Science Biology (FSU, Jena)

### Publications

**Staack, M.** (2022) Investigating interactions of algae with *Roseobacter* and *Planctomycetes* bacteria, *Master thesis*, Friedrich- Schiller- University Jena

**Staack, M.** (2020) Review Artikel über die Planctomyceten- Schwamm- Interaktion, *Bachelor Thesis*, Friedrich- Schiller- University Jena