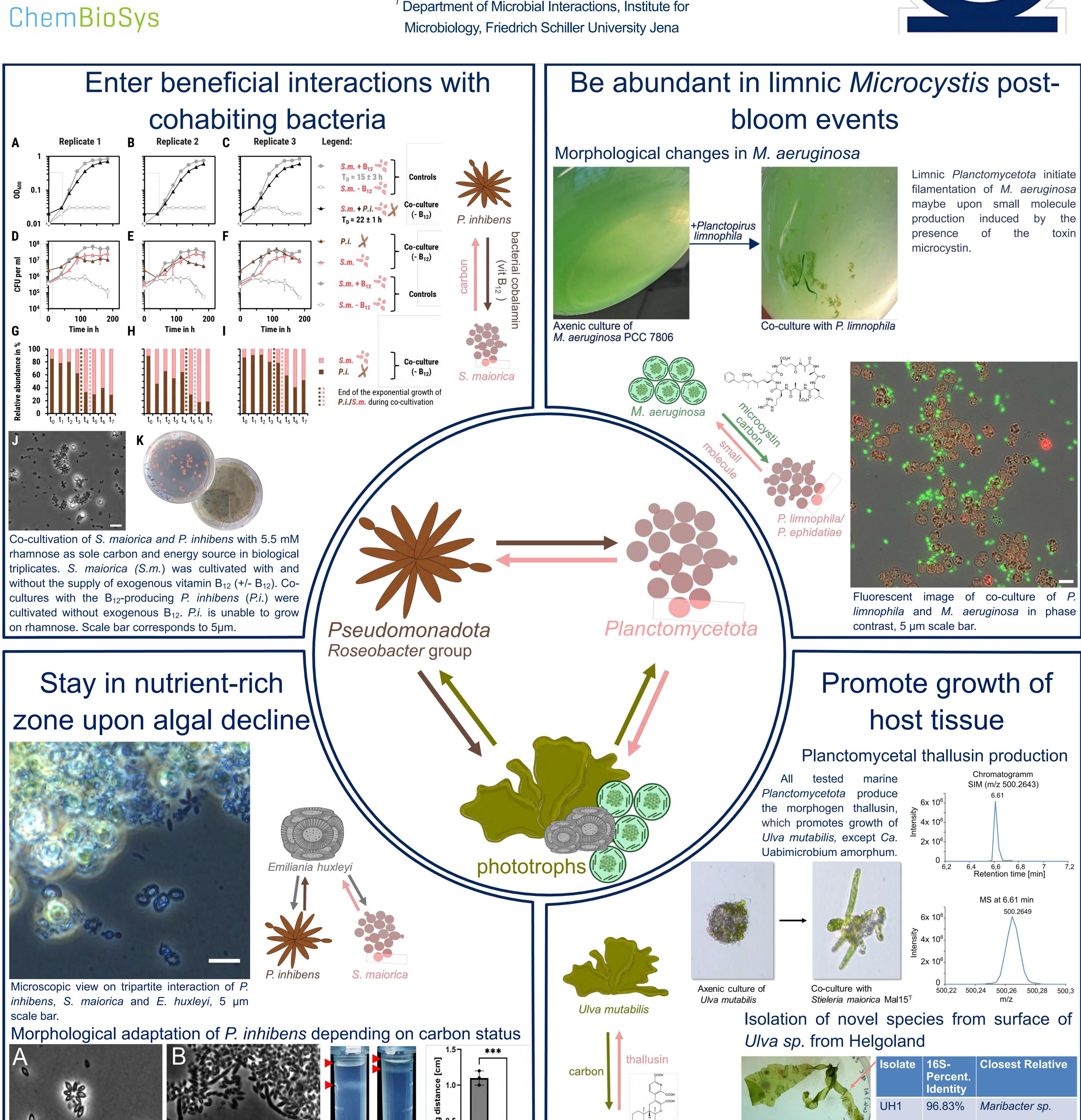


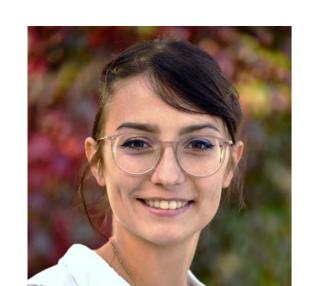
## How to cohabit with algae: Adaptive traits of Planctomycetota to thrive on algal surfaces

Myriel Staack, Jonathan Hammer, Nicolai Kallscheuer and Christian Jogler<sup>1</sup>

<sup>1</sup> Department of Microbial Interactions, Institute for







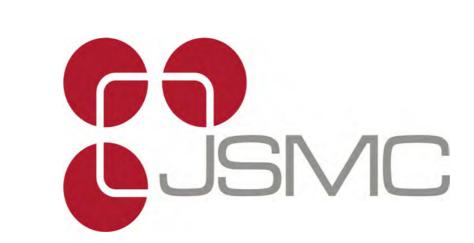
5 µm scale bar.





Morphological heterogeneity of P. inhibens in presence of Percoll gradient

glucose (A) or *E. huxleyi* supernatant (B) in phase contrast, elongated vs short-rod cells.





**Planctomycetota** 



UH5

UH6

UH7

100.00% Rhodopirellula

99.48%

92.68%

islandica

lusitana

Kriegella sp.

Neorhodopirellula