

# Prof. Dr. Georg Pohnert

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## Projects

### Current Projects

Assessing DNA-binding specificity of MADS-domain transcription factors

[Details](#)

Investigation of Specialized Metabolism of Neglected Bacteria by Organic Synthesis

[Details](#)

### Former Projects

Molecular dissection of early signaling response in the green alga *Chlamydomonas reinhardtii* under the influence of biotic and abiotic factors

[Details](#)

Isolation, purification, and structural elucidation of active compounds from the tissue of insect

[Details](#)

Diatom pheromones – structure and function of communication mediators of unicellular algae

[Details](#)

The entrainment of the circadian clock by light-dark and temperature cycles: Functional analysis of components of involved signaling pathways

[Details](#)

Unraveling the (bio)chemical processes involved in phytoplankton-virus interactions

[Details](#)

Regulation of the microbial community by the green alga *Dictyosphaeria ocellata*

[Details](#)

Genomics-Driven Discovery of Secondary Metabolites from *Burkholderia* spp. that Interact with Fungi

[Details](#)

Functional and genomic analysis of bacterial and fungal natural products derived from the fungus-growing

termite

[Details](#)