



Prof. Dr. Gabriele Diekert

Phone: +49 3641 9-49300 Email: gabriele.diekert@uni-jena.de

Projects

Former Projects

Induction of tetrachloroethene respiration in *Sulfurospirillum multivorans*

[Details](#)

The hypoxic (low-oxygen) response of the pathogenic mould *Aspergillus fumigatus* and its relevance to pathogenicity

[Details](#)

Studies on the microbial halogen cycle: reactions of fungal peroxidases and bacterial reductive dehalogenases

[Details](#)

Expression control and biosynthesis of dehalogenating enzymes from anaerobic soil bacteria in response to the interaction with aerobic halogenating fungi

[Details](#)

Complement escape mechanisms of *Streptococcus pneumoniae*

[Details](#)

The role of *Desulfitobacterium spp.* in the global network of O-demethylation in soil

[Details](#)