

Activities of the Kempken Lab in Kiel in 2018

Publications

- KOLLATH-LEIß K, KEMPKEN F (2018) The fungal MCC/eisosome complex: An unfolding story. *The Mycota XV. Physiology and Genetics: Selected Basic and Applied Aspects*. 2nd edition, Springer Verlag, New York, Dordrecht, Heidelberg, London, pp119-130
- KUMAR A, SØRENSEN JL, HANSEN FT, ARVAS M, SYED MF, HASSAN L, BENZ JP, RECORD E, HENRISSAT B, PÖGGELER S, KEMPKEN F (2018) Genome sequencing and analyses of two marine fungi from the North Sea unravels a plethora of novel biosynthetic gene clusters. *Sci Rep* 8:10187. doi: 10.1038/s41598-018-28473-z.
- REGULIN A, KEMPKEN F (2018) Fungal genotype determines survival of *Drosophila melanogaster* when competing with *Aspergillus nidulans*. *PLoS ONE* 13: e0190543. doi: 10.1371/journal.pone.0190543
- SARDAR P, KEMPKEN F (2018) Characterization of indole-3-pyruvic acid pathway mediated biosynthesis of auxin in *Neurospora crassa*. *PLoS ONE* 13: e0192293 doi: 10.1371/journal.pone.0192293
- SARDE SJ, KEMPKEN F, KUMAR A (2018) A survey of spliceosomal proteins encoded by fungal genomes. *Curr Sci* 114:1677-1686

Conferences

- EMAMI H, KEMPKEN F (2018) A mitochondrial PPR protein involved in *flc* expression and drought tolerance in *Arabidopsis thaliana*. International PP1530 Symposium, Kiel (**talk**)
- EMAMI H, KEMPKEN F (2018) A Mitochondrial PPR Protein Negatively Regulates Flowering Time and Affects Drought Tolerance in *Arabidopsis thaliana*. International Plant Molecular Biology (IPMB), Montpellier (**poster**)
- GRÜTTNER S, KEMPKEN F (2018) The PPR protein DWEORG1 is involved in the mitochondrial translation of *cox2* transcripts in *A. thaliana*. XIX. Jahrestagung der Deutschen Sektion der Internationalen Gesellschaft für Endocytobiologie (**talk**)
- KEMPKEN F (2018) Genomic tools to identify secondary metabolite gene clusters from marine fungi. Eurofung Meeting, Berlin (**talk**)
- KEMPKEN F, PHULE P, RUPPERT L, KUMAR A (2018) Genome and transcriptome analysis of marine fungi. Gordon Res. Conf. on Cellular and Molecular Fungal Biology, Holderness, NH, USA (**poster**)
- KOLLATH-LEIß K, SARDAR P, KEMPKEN F (2018) Auxin biosynthesis in the non-phytopathogenic ascomycete *Neurospora crassa*, Fungal Ecology and Evolution symposium, Plön (**talk**)
- YANG Q, KEMPKEN F (2018) Composition and distribution of eisosomes in *Neurospora crassa*. 7th Kiel Life Science Student Conf. (**poster**)