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Projects

Former Projects

Post-translational modifications and pathogenicity of the human pathogenic fungus *Aspergillus fumigatus*
[Details](#)

Publications

Fischer J, Müller SY, Netzker T, Jäger N, Gacek-Matthews A, Scherlach K, Stroe MC, García-Altares M, Pezzini F, Schoeler H, Reichelt M, Gershenzon J, Krespach MK, Shelest E, Schroeckh V, Valiante V, Heinzl T, Hertweck C, Strauss J, Brakhage AA (2018) Chromatin mapping identifies BasR, a key regulator of bacteria-triggered production of fungal secondary metabolites. *Elife* 7, [Details](#) [PubMed](#)

Macheleidt J, Mattern DJ, Fischer J, Netzker T, Weber J, Schroeckh V, Valiante V, Brakhage AA (2016) Regulation and Role of Fungal Secondary Metabolites. *Annu Rev Genet* 50, 371-392. [Details](#) [PubMed](#)

Netzker T, Fischer J, Weber J, Mattern DJ, König CC, Valiante V, Schroeckh V, Brakhage AA (2015) Microbial communication leading to the activation of silent fungal secondary metabolite gene clusters. *Front Microbiol* 6, 299. [Details](#) [PubMed](#)

Nützmann HW, Fischer J, Scherlach K, Hertweck C, Brakhage AA (2013) Distinct amino acids of histone H3 control secondary metabolism in *Aspergillus nidulans*. *Appl Environ Microbiol* 79(19), 6102-6109. [Details](#) [PubMed](#)