

Publications

Blei F, Baldeweg F, Fricke J, Hoffmeister D (2018) Biocatalytic production of psilocybin and derivatives in tryptophan synthase-enhanced reactions. *Chem Eur J* 24(40), 10028-10031.

[Details](#)



Blei F, Fricke J, Wick J, Slot JC, Hoffmeister D (2018) Iterative L-tryptophan methylation in *Psilocybe* evolved by sub-domain duplication. *ChemBioChem* [Accepted]

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Brandenburger E, Braga D, Kombrink A, Lackner G, Gressler J, Künzler M, Hoffmeister D (2018) Multi-genome analysis identifies functional and phylogenetic diversity of basidiomycete adenylate-forming reductases. *Fungal Genet Biol* 112, 55-63.

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Held BW, Hoffmeister D, Blanchette RA (2018) Occurrence of european tar spot (*Rhytisma acerinum*) on norway maple causing severe infections in Minnesota. *Plant Disease* 102, 12.

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Hoefgen S, Lin J, Fricke J, Stroe MC, Mattern DJ, Kufs JE, Hortschansky P, Brakhage AA, Hoffmeister D, Valiante V (2018) Facile assembly and fluorescence-based screening method for heterologous expression of biosynthetic pathways in fungi. *Metab Eng* 48, 44-51.

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Tauber JP, Gallegos-Monterrosa R, Kovacs AT, Shelest E, Hoffmeister D (2018) Dissimilar pigment regulation in *Serpula lacrymans* and *Paxillus involutus* during interkingdom interactions. *Microbiology* 164(1), 65-77.

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Tauber JP, Matthaeus C, Lenz C, Hoffmeister D, Popp J (2018) Analysis of basidiomycete pigments *in situ* by Raman spectroscopy. *J Biophoton* 11(6), e201700369.

[Details](#)



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