

Publications

Hudspeth J, Rogge K, Dörner S, Müll M, Hoffmeister D, Rupp B, Werten S (2024) Methyl transfer in psilocybin biosynthesis. *Nat Commun* 15(1), 2709.

Platz L, Löhr NA, Gerkens MP, Eisen F, Bär C, Braun K, Fessner N, Hüttel W, Hoffmeister D, Müller M (2024) Regioselective oxidative phenol coupling by a mushroom unspecific peroxygenase. *Angew Chem Int Ed*, e202407425.

Schäfer T, Haun F, Gressler M, Spiteller P, Hoffmeister D (2024) Parallel evolution of Asco- and Basidiomycete O-Prenyltransferases. *J Nat Prod* 87(3), 576-582.

Seibold PS, Dörner S, Fricke J, Schäfer T, Beemelmans C, Hoffmeister D (2024) Genetic regulation of L-tryptophan metabolism in *Psilocybe mexicana* supports psilocybin biosynthesis. *Fungal Biol Biotechnol* 11(1), 4.

Kirchgaessner L, Wurlitzer JM, Seibold PS, Rakhmanov M, Gressler M (2023) A genetic tool to express long fungal biosynthetic genes. *Fungal Biol Biotechnol* 10(1), 4.

Löhr NA, Rakhmanov M, Wurlitzer JM, Lackner G, Gressler M, Hoffmeister D (2023) Basidiomycete non-reducing polyketide synthases function independently of SAT domains. *Fungal Biol Biotechnol* 10(1), 17.

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