

Publications

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.

Schäfer E, Seibold PS, Bartram S, Trottmann F, Hänsch V, Gressler M, Chadeayne A, Hertweck C, O'Connor S, Hoffmeister D (2023) A "Magic Mushroom" multi-product sesquiterpene synthase. *ChemBioChem* 24(21), e202300511.

Seibold PS, Lawrinowitz S, Raztsou I, Gressler M, Arndt HD, Stallforth P, Hoffmeister D (2023) Bifurcate evolution of quinone synthetases in basidiomycetes. *Fungal Biol Biotechnol* 10(1), 14.

Gressler M, Löhr NA, Schäfer T, Lawrinowitz S, Seibold PS, Hoffmeister D (2021) Mind the mushroom: natural product biosynthetic genes and enzymes of Basidiomycota. *Nat Prod Rep* 38(4), 702-722. (Review)

Seibold PS, Lenz C, Gressler M, Hoffmeister D (2020) The *Laetiporus* polyketide synthase LpaA produces a series of antifungal polyenes. *J Antibiot* 73(10), 711-720.

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