

Publications

Blei F, Dörner S, Fricke J, Baldeweg F, Trottmann F, Komor AJ, Meyer F, Hertweck C, Hoffmeister D (2020) Simultaneous production of psilocybin and a cocktail of β -carboline monoamine oxidase inhibitors in 'magic' mushrooms. *Chem Eur J* 26(3), 729-734.

[Details](#)



Böttcher B, Hoffmann B, Garbe E, Weise T, Cseresnyés Z, Brandt P, Dietrich S, Driesch D, Figge MT, Vylkova S (2020) The transcription factor Stp2 is important for *Candida albicans* biofilm establishment and sustainability. *Front Microbiol* 11, 794.

[Details](#)



Demmler R, Fricke J, Dörner S, Gressler M, Hoffmeister D (2020) S-adenosyl-L-methionin salvage impacts psilocybin formation in 'magic' mushrooms. *ChemBioChem* 21(9), 1364-1371.

[Details](#)



Fricke J, Kargbo R, Regestein L, Lenz C, Peschel G, Rosenbaum MA, Sherwood A, Hoffmeister D (2020) Scalable hybrid synthetic/biocatalytic route to psilocybin. *Chem Eur J* 37(26), 8281-8285.

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Lenz C, Wick J, Braga D, Garcia-Altares M, Lackner G, Hertweck C, Gressler M, Hoffmeister D (2020) Injury-triggered blueing reactions of *Psilocybe* "magic" mushrooms. *Angew Chem Int Ed* 59(4), 1450-1454.

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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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Shah F, Gressler M, Nehzati S, Op De Beeck M, Gentile L, Hoffmeister D, Persson P, Tunlid A (2020) Secretion of iron(III)-reducing metabolites during protein acquisition by the ectomycorrhizal fungus *Paxillus involutus*. *Microorganisms* 9(1), E35.

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Wurlitzer J, Stanišić A, Wasmuth I, Jungmann S, Fischer D, Kries H, Gressler M (2020) Bacterial-like nonribosomal peptide synthetases produce cyclopeptides in the zygomycetous fungus *Mortierella alpina*. *Appl Env Microbiol* 87(3), e02051-20.

[Details](#)



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