

Publications

Baccile JA, Le HH, Pfannenstiel BT, Bok JW, Gomez C, Brandenburger E, Hoffmeister D, Keller NP, Schroeder FC (2019) Diketopiperazine formation in fungi requires dedicated cyclization and thiolation domains. *Angew Chem Int Ed* 58(41), 14589-14593.

[Details](#)



Baldeweg F, Hoffmeister D, Nett M (2019) A genomics perspective on natural product biosynthesis in plant pathogenic bacteria. *Nat Prod Rep* 36(2), 307-325. (Review)

[Details](#)



Baldeweg F, Warncke P, Fischer D, Gressler M (2019) Fungal biosurfactants from *Mortierella alpina*. *Org Lett* 21(5), 1444-1448.

[Details](#)



Dörfer M, Gressler, M, Hoffmeister D (2019) Diversity and bioactivity of *Armillaria* sesquiterpene aryl ester natural products. *Mycol Prog* 18(8), 1027-1037.

[Details](#)



Dörfer M, Heine D, König S, Gore S, Werz O, Hertweck C, Gressler M, Hoffmeister D (2019) Melleolides impact fungal translation via elongation factor 2. *Org Biomol Chem* 17(19), 4906-4916.

[Details](#)



Fricke J, Lenz C, Wick J, Blei F, Hoffmeister D (2019) Production options for psilocybin - The making of the magic. *Chem Eur J* 25(4), 897-903. (Review)

[Details](#)



Fricke J, Sherwood A, Kargbo R, Orry A, Blei F, Naschberger A, Rupp B, Hoffmeister D (2019) Enzymatic route toward 6-methylated baeocystin and psilocybin. *ChemBioChem* 20(22), 2824-2829.

[Details](#)



König S, Romp E, Krauth V, Rühl M, Dörfer M, Liening S, Hoffmann B, Häfner AK, Steinhilber D, Karas M, Garscha U, Hoffmeister D, Werz O (2019) Melleolides from honey mushroom inhibit 5-lipoxygenase via Cys159. *Cell Chem Biol* 26(1), 60-70.e4.

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