

Publications

Ehinger F, Niehs S, Dose B, Dell M, Krabbe J, Pidot SJ, Stinear TP, Scherlach K, Ross C, Lackner G, Hertweck C (2023) Analysis of rhizonin biosynthesis reveals origin of pharmacophoric furylalanine moieties in diverse cyclopeptides. *Angew Chem Int Ed* 62(42), e202308540.

Dose B, Thongkongkaew T, Zopf D, Kim HJ, Bratovanov EV, García-Altare M, Scherlach K, Kumpfmüller J, Ross C, Hermenau R, Niehs S, Silge A, Hniopek J, Schmitt M, Popp J, Hertweck C (2021) Multimodal molecular imaging and identification of bacterial toxins causing mushroom soft rot and cavity disease. *Chembiochem* 22(19), 2901-2907.

Dose B, Ross C, Niehs SP, Scherlach K, Bauer JP, Hertweck C (2020) Food-poisoning bacteria employ a citrate synthase and a type II NRPS to synthesize bolaamphiphilic lipopeptide antibiotics. *Angew Chem Int Ed* 59(48), 21535-21540.

Ross C, Opel V, Scherlach K, Hertweck C (2014) Biosynthesis of antifungal and antibacterial polyketides by *Burkholderia gladioli* in coculture with *Rhizopus microsporus*. *Mycoses* 57, 48-55.

Ross C, Scherlach K, Kloss F, Hertweck C (2014) The molecular basis of conjugated polyene biosynthesis in phytopathogenic bacteria. *Angew Chem Int Ed Engl* 53(30), 7794-7798.

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