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Publications

Büttner H, Hörl J, Krabbe J, Hertweck C (2023) Discovery and biosynthesis of anthrochelin, a growth-promoting metallophore of the human pathogen *Luteibacter anthropi*. *Chembiochem* 24(17), e202300322.

Details

PubMed



Büttner H, Pidot SJ, Scherlach K, Hertweck C (2023) Endofungal bacteria boost anthelminthic host protection with the biosurfactant symbiosin. *Chem Sci* 14(1), 103-112.

Details



Richter I, Radosa S, Cseresnyés Z, Ferling I, Büttner H, Niehs SP, Gerst R, Figge MT, Hillmann F, Hertweck C (2022) Toxin-producing endosymbionts shield pathogenic fungus against micropredators. *mBio* 13(5), e0144022.

Details



Büttner H[*], Niehs SP[*], Vandelannoote K, Cseresnyés Z, Dose B, Richter I, Gerst R, Figge MT, Stinear TP, Pidot SJ, Hertweck C[#] (2021) Bacterial endosymbionts protect beneficial soil fungus from nematode attack. *Proc Natl Acad Sci U S A* 118(37), e2110669118.

Details

Dunbar KL, Dell M, Molloy EM, Büttner H, Kumpfmüller J, Hertweck C (2020) An unexpected split-merge pathway to the symmetric nonribosomal peptide antibiotic closthioamide. *Angew Chem Int Ed* 60(8), 4104-4109.

Details

Dunbar KL, Büttner H, Molloy EM, Dell M, Kumpfmüller J, Hertweck C (2018) Genome editing reveals novel thiotemplated assembly of polythioamide antibiotics in anaerobic bacteria. *Angew Chem Int Ed* 57(43), 14080-14084.

Details

Publication list as PDF

News



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