

## Publications

Ishida K, Krabbe J, Meisinger PR, Shabuer G, Schieferdecker S, Cyrulies M, Tank C, Barnes E, Paetz C, Hertweck C (2025) Discovery and biosynthesis of celluxanthenes, antibacterial arylpolyene alkaloids from diverse cellulose-degrading anaerobic bacteria. *Angew Chem Int Ed Engl*, e202503697.

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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.

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Gude F, Molloy EM, Horch T, Dell M, Dunbar KL, Krabbe J, Groll M, Hertweck C (2022) A specialized polythioamide-binding protein confers antibiotic self-resistance in anaerobic bacteria. *Angew Chem Int Ed* 61(37), e202206168.

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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.

Kumpfmüller J, Methling K, Fang L, Pfeifer BA, Lalk M, Schweder T (2016) Production of the polyketide 6-deoxyerythronolide B in the heterologous host *Bacillus subtilis*. *Appl Microbiol Biotechnol* 100(3), 1209-1220.

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