

Publications

Little RF, Trottmann F, Hashizume H, Preissler M, Unger S, Sawa R, Kries H, Pidot S, Igarashi M, Hertweck C (2024) Analysis of the valgamycin biosynthetic pathway reveals a general mechanism for cyclopropanol formation across diverse natural product scaffolds. *ACS Chem Biol* 19(3), 660-668.

Trottmann F, Fiedler J, Ishida K, Ishida-Ito M, Little RF, Hertweck C (2023) Bacterial pathogen channels medium-sized fatty acids into malleicyprol biosynthesis. *ACS Chem Biol* 18(7), 1557-1563.

Little R, Trottmann F, Preissler M, Hertweck C (2022) An intramodular thioesterase domain catalyses chain release in the biosynthesis of a cytotoxic virulence factor. *RSC Chem Biol* 3(9), 1121-1128.

Little RF, Hertweck C (2022) Chain release mechanisms in polyketide and non-ribosomal peptide biosynthesis. *Nat Prod Rep* 39(1), 163-205. (Review)

Niehs SP, Kumpfmüller J, Dose B, Little RF, Ishida K, Florez LV, Kaltenpoth M, Hertweck C (2020) Insect-associated bacteria assemble the antifungal butenolide gladiofungin by non-canonical polyketide chain termination. *Angew Chem Int Ed* 59(51), 23122-23126.

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