

# 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.

Peng H, Schmiederer J, Chen X, Panagiotou G, Kries H<sup>#</sup> (2024) Controlling substrate- and stereospecificity of condensation domains in nonribosomal peptide synthetases. *ACS Chem Bio* 19(3), 599-606.

Kries H, Trottmann F, Hertweck C (2023) Novel biocatalysts from specialized metabolism. *Angew Chem Int Ed Engl* 63(4), e202309284. (Review)

Müll M, Pourmasoumi F, Wehrhan L, Nosovska O, Stephan P, Zeihe H, Vilotijevic I, Keller BG, Kries H (2023) Biosynthetic incorporation of fluorinated amino acids into the nonribosomal peptide gramicidin S. *RSC Chem Biol* 4(9), 692-697.

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Zhang K, Kries H (2023) Biomimetic engineering of nonribosomal peptide synthesis. *Biochem Soc Trans* 51(4), 1521-1532. (Review)

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