

Dr. Sebastian Götze

Alumni

Publikationen

Götze S, Vij R, Burow K, Thome N, Urbat L, Schlosser N, Pflanze S, Müller R, Hänsch VG, Schlabach K, Fazlikhani L, Walther G, Dahse HM, Regestein L, Brunke S, Hube B, Hertweck C, Franken P, Stallforth P (2023) Ecological niche-inspired genome mining leads to the discovery of crop-protecting nonribosomal lipopeptides featuring a transient amino acid building block. *J Am Chem Soc* 145(4), 2342-2353.

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Pflanze S, Mukherji R, Ibrahim A, Günther M, Götze S, Chowdhury S, Reimer L, Regestein L, Stallforth P (2023) Nonribosomal peptides protect *Pseudomonas nunensis* 4A2e from amoebal and nematodal predation. *Chem Sci* 14(41), 11573-11581.

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Bando Y, Hou Y, Seyfarth L, Probst J, Götze S, Bogacz M, Hellmich UA, Stallforth P, Mittag M, Arndt HD* (2022) Total synthesis and structure correction of the cyclic lipodepsipeptide orfamide A. *Chemistry* 28(20), e202104417.

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Declas N, Maynard JRJ, Menin L, Gasilova N, Götze S, Sprague JL, Stallforth P, Matile S, Waser J* (2022) Tyrosine bioconjugation with hypervalent iodine. *Chem Sci* 13(43), 12808-12817.

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Goetze S, Stallforth P (2020) Structure elucidation of bacterial nonribosomal lipopeptides. *Org Biomol Chem* 18(9), 1710-1727. (Review)

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Götze S, Stallforth P (2020) Structure, properties, and biological functions of nonribosomal lipopeptides from pseudomonads. *Nat Prod Rep* 37(1), 29-54. (Review)

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Götze S, Arp J, Lackner G, Zhang S, Kries H, Klapper M, García-Altares M, Willing K, Günther M, Stallforth P (2019) Structure elucidation of the syringafactin lipopeptides provides insight in the evolution of nonribosomal peptide synthetases. *Chem Sci* 10(48), 10979-10990.

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Arp J, Götze S, Mukherji R, Mattern DJ, Garcia-Altare M, Klapper M, Brock DA, Brakhage AA, Strassmann JE, Queller DC, Bardl B, Willing K, Peschel G, Stallforth P (2018) Synergistic activity of co-secreted natural products from amoebae-associated bacteria. *Proc Natl Acad Sci USA* 115(15), 3758-3763.

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Gallegos-Monterrosa R, Kankel S, Götze S, Barnett R, Stallforth P, Kovács ÁT (2017) *Lysinibacillus fusiformis* M5 induces increased complexity in *Bacillus subtilis* 168 colony biofilms via hypoxanthine. *J Bacteriol* 199(22), e00204-e00217.

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