

Dr. Sebastian Götze

Alumni

Publications

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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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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Klapper M, Paschold A, Zhang S, Weigel C, Dahse HM, Götze S, Pace S, König S, Rao Z, Reimer L, Werz O, Stallforth P (2019) Bioactivity and mode of action of bacterial tetramic acids. *ACS Chem Biol* 14(8), 1693-1697.

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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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