

Publications

Bando Y, Klapper M, Herbst R, Sachse A, Stallforth P, Arndt HD[#] (2025) Semiautomated total synthesis of the cyclic lipodepsipeptide anikasin. *Org Lett* 27(11), 2559-2563.

Klapper M^{*}, Hübner A^{*}, Ibrahim A^{*}, Wasmuth I, Borry M, Haensch VG, Zhang S, Al-Jammal WK, Suma H, Fellows Yates JA, Frangenberg J, Velsko IM, Chowdhury S, Herbst R, Bratovanov EV, Dahse HM, Horch T, Hertweck C, González Morales MR, Straus LG, Vilotijevic I, Warinner C, Stallforth P (2023) Natural products from reconstructed bacterial genomes of the Middle and Upper paleolithic. *Science* 380(6645), 619-624.

Günther M^{*}, Reimer C^{*}, Herbst R^{*}, Kufs JE, Rautschek J, Ueberschaar N, Zhang S, Peschel G, Reimer L, Regestein L, Valiante V, Hillmann F[#], Stallforth P[#] (2022) Yellow polyketide pigment suppresses premature hatching in social amoeba. *Proc Natl Acad Sci U S A* 119(43), e2116122119.

Herbst R, Günther M, Stallforth P (2019) Chemical Ecology of *Dictyostelium discoideum*. In: Comprehensive Natural Products III Elsevier. (Review)

Klapper M, Braga D, Lackner G, Herbst R, Stallforth P (2018) Bacterial alkaloid biosynthesis: Structural diversity via a minimalistic nonribosomal peptide synthetase. *Cell Chem Biol* 25(6), 659-665.

*equal contribution #corresponding author