

Publications

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.

Dose B, Thongkongkaew T, Zopf D, Kim HJ, Bratovanov EV, García-Altare M, Scherlach K, Kumpfmüller J, Ross C, Hermenau R, Niehs S, Silge A, Hniopek J, Schmitt M, Popp J, Hertweck C (2021) Multimodal molecular imaging and identification of bacterial toxins causing mushroom soft rot and cavity disease. *Chembiochem* 22(19), 2901-2907.

Bratovanov EV, Ishida K, Heinze B, Pidot SJ, Stinear TP, Hegemann JD, Marahiel MA, Hertweck C (2019) Genome mining and heterologous expression reveal two distinct families of lasso peptides highly conserved in endofungal bacteria. *ACS Chem Biol* 15(5), 1169-1176.

Thongkongkaew T, Ding W, Bratovanov E, Oueis E, Garcia-Altare M, Zaburannyi N, Harmrolfs K, Zhang Y, Scherlach K, Müller R, Hertweck C (2018) Two types of threonine-tagged lipopeptides synergize in host colonization by pathogenic *Burkholderia* species. *ACS Chem Biol* 13(5), 1370-1379.

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