

Dr. Somak Chowdhury

Alumni

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.

[Details](#)



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.

[Details](#)



Baunach M, Chowdhury S, Stallforth P, Dittmann E (2021) The landscape of recombination events that create nonribosomal peptide diversity. *Mol Biol Evol* 38(5), 2116-2130.

[Details](#)



Zhang S, Mukherji R, Chowdhury S, Reimer L, Stallforth P (2021) Lipopeptide-mediated bacterial interaction enables cooperative predator defense. *Proc Natl Acad Sci U S A* 118(6), e2013759118.

[Details](#)



Klapper M, Schlabach K, Paschold A, Zhang S, Chowdhury S, Menzel KD, Rosenbaum MA, Stallforth P (2020) Biosynthesis of *pseudomonas*-derived butenolides. *Angew Chem Int Ed* 59(14), 5607-5610.

[Details](#)



Mukherji R, Zhang S, Chowdhury S, Stallforth P (2020) Chimeric LuxR transcription factors rewire natural product regulation. *Angew Chem Int Ed* 59(15), 6192-6195.

[Details](#)



[Publication list as PDF](#)