

Publications

Ishida K, Shabuer G, Schieferdecker S, Pidot SJ, Stinear TP, Knuepfer U, Cyrulies M, Hertweck C (2020) Oak-associated negativicute equipped with ancestral aromatic polyketide synthase produces antimycobacterial dendrubins. *Chem Eur J* 26(58), 13147-13151.

Neuwirth T, Letzel AC, Tank C, Ishida K, Cyrulies M, Schmölz L, Lorkowski S, Hertweck C (2020) Induced production, synthesis and immunomodulatory action of clostrisulfone, a diarylsulfone from *Clostridium acetobutylicum*. *Chemistry* 26(68), 15855-15858.

Schieferdecker S, Shabuer G, Letzel AC, Urbansky B, Ishida-Ito M, Ishida K, Cyrulies M, Dahse HM, Pidot S, Hertweck C (2019) Biosynthesis of diverse antimicrobial and antiproliferative acyloins in anaerobic bacteria. *ACS Chem Biol* 14(7), 1490-1497.

Trottmann F, Franke J, Richter I, Ishida K, Cyrulies M, Dahse HM, Regestein L, Hertweck C (2019) Cyclopropanol warhead in malleicyprol confers virulence of human- and animal-pathogenic *Burkholderia* species. *Angew Chem Int Ed* 58(40), 14129-14133.

Hillmann F, Linde J, Beckmann N, Cyrulies M, Strassburger M, Heinekamp T, Haas H, Guthke R, Kniemeyer O, Brakhage AA (2014) The novel globin protein fungogloblin is involved in low oxygen adaptation of *Aspergillus fumigatus*. *Mol Microbiol* 93(3), 539-553.

Pidot S, Ishida K, Cyrulies M, Hertweck C (2014) Discovery of clostrubin, an exceptional polyphenolic polyketide antibiotic from a strictly anaerobic bacterium. *Angew Chem Int Ed Engl* 53(30), 7856-7859.

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