

Publications

Bissell AU, Rautschek J, Hoefgen S, Raguž L, Mattern DJ, Saeed N, Janevska S, Jojić K, Huang Y, Kufs JE, Herboeck B, Guo H, Hillmann F, Beemelmans C, Valiante V (2022) Biosynthesis of the sphingolipid inhibitors sphingofungins in filamentous fungi requires aminomalonnate as a metabolic precursor. *ACS Chem Biol* 17(2), 386-394.

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.

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Reimer C^{*}, Kufs JE^{*}, Rautschek J, Regestein L, Valiante V[#], Hillmann F[#] (2022) Engineering the amoeba *Dictyostelium discoideum* for biosynthesis of a cannabinoid precursor and other polyketides. *Nat Biotechnol* 40(5), 751-758.

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Rautschek J, Metz P (2017) Toward the Synthesis of (-)-Codeine by Chiral Auxiliary-Mediated Nitron Cycloaddition. *HeteroCycles* 95(2), 1106-1120.

^{*}equal contribution [#]corresponding author