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Curriculum vitae

Main Research Areas

Molecular biology of *Dictyostelium discoideum*.

Topics

[Polyketides in *Dictyostelium discoideum*](#)

[Paleobiotechnology](#)

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.

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

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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.

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[Publication list as PDF](#)



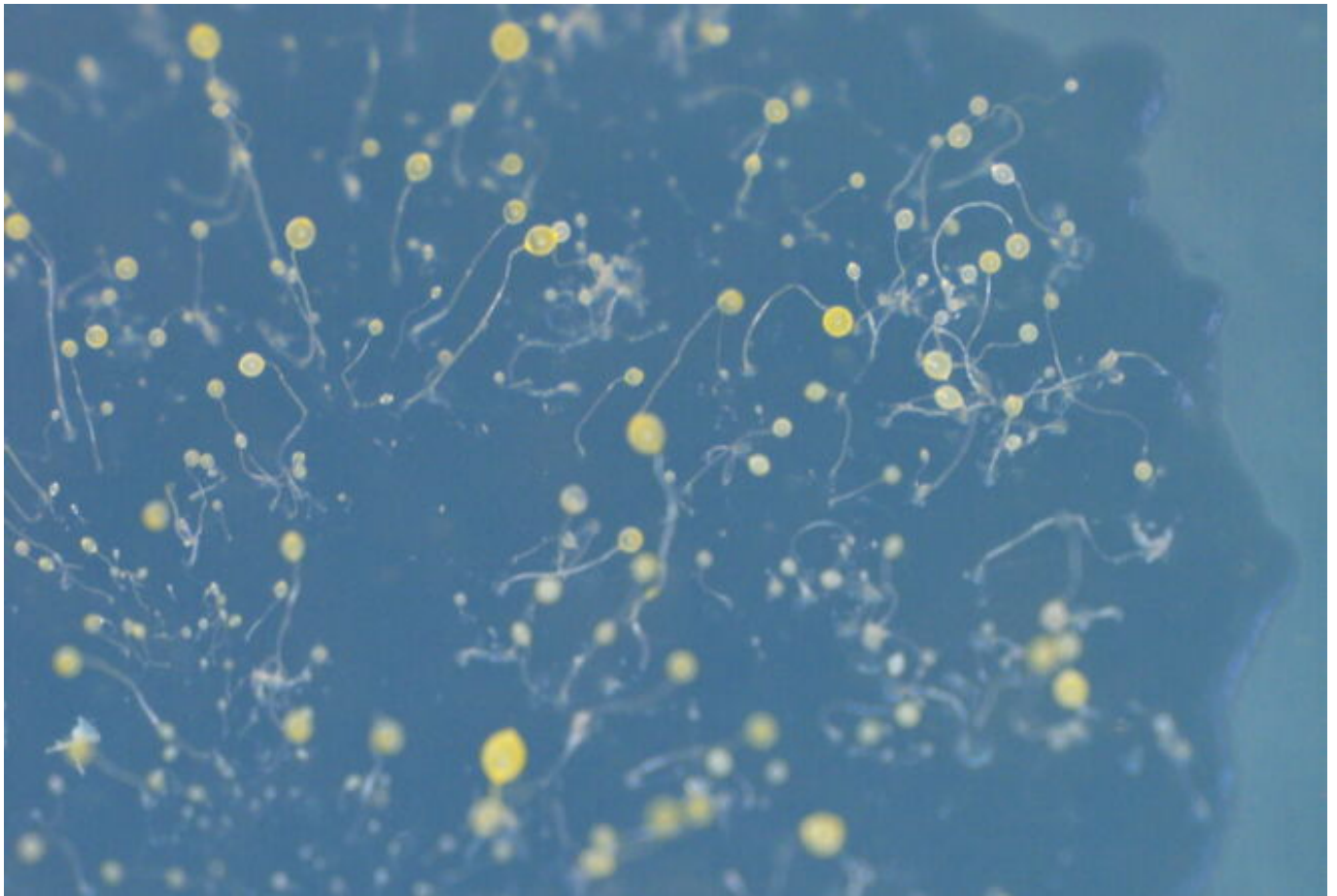
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