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Topics

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Publications

Yang Z, Qiao Y, Konakalla NC, Strøbech E, Harris P, Peschel G, Agler-Rosenbaum M, Weber T, Andreasson E, Ding L (2023) *Streptomyces* alleviate abiotic stress in plant by producing pteridic acids. *Nat Commun* 14(1), 7398.

[Details](#)



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.

[Details](#)



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Fricke J, Kargbo R, Regestein L, Lenz C, Peschel G, Rosenbaum MA, Sherwood A, Hoffmeister D (2020) Scalable hybrid synthetic/biocatalytic route to psilocybin. *Chem Eur J* 37(26), 8281-8285.

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Arp J, Götze S, Mukherji R, Mattern DJ, Garcia-Altares M, Klapper M, Brock DA, Brakhage AA, Strassmann JE, Queller DC, Bardl B, Willing K, Peschel G, Stallforth P (2018) Synergistic activity of co-secreted natural products from amoebae-associated bacteria. *Proc Natl Acad Sci USA* 115(15), 3758-3763.

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Ding L, Maier A, Fiebig HH, Lin WH, Peschel G, Hertweck C (2012) Kandenols A-E, eudesmenes from an endophytic *Streptomyces* sp. of the mangrove tree *Kandelia candel*. *J Nat Prod* 75(12), 2223-2227.

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Ding L, Maier A, Fiebig HH, Görls H, Lin WH, Peschel G, Hertweck C (2011) Divergolides A-D from a mangrove endophyte reveal an unparalleled plasticity in ansa-macrolide biosynthesis. *Angew Chem Int Ed Engl* 50(7), 1630-1634.

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Li L, Sattler I, Deng Z, Groth I, Walther G, Klaus-Dieter Menzel G, Peschel S, Grabley W, Lin (2008) A-seco-oleane-type triterpenes from *Phomopsis* sp. (strain HKI0458) isolated from the mangrove plant *Hibiscus tiliaceus*. *Phytochemistry* 69(2), 511-517.

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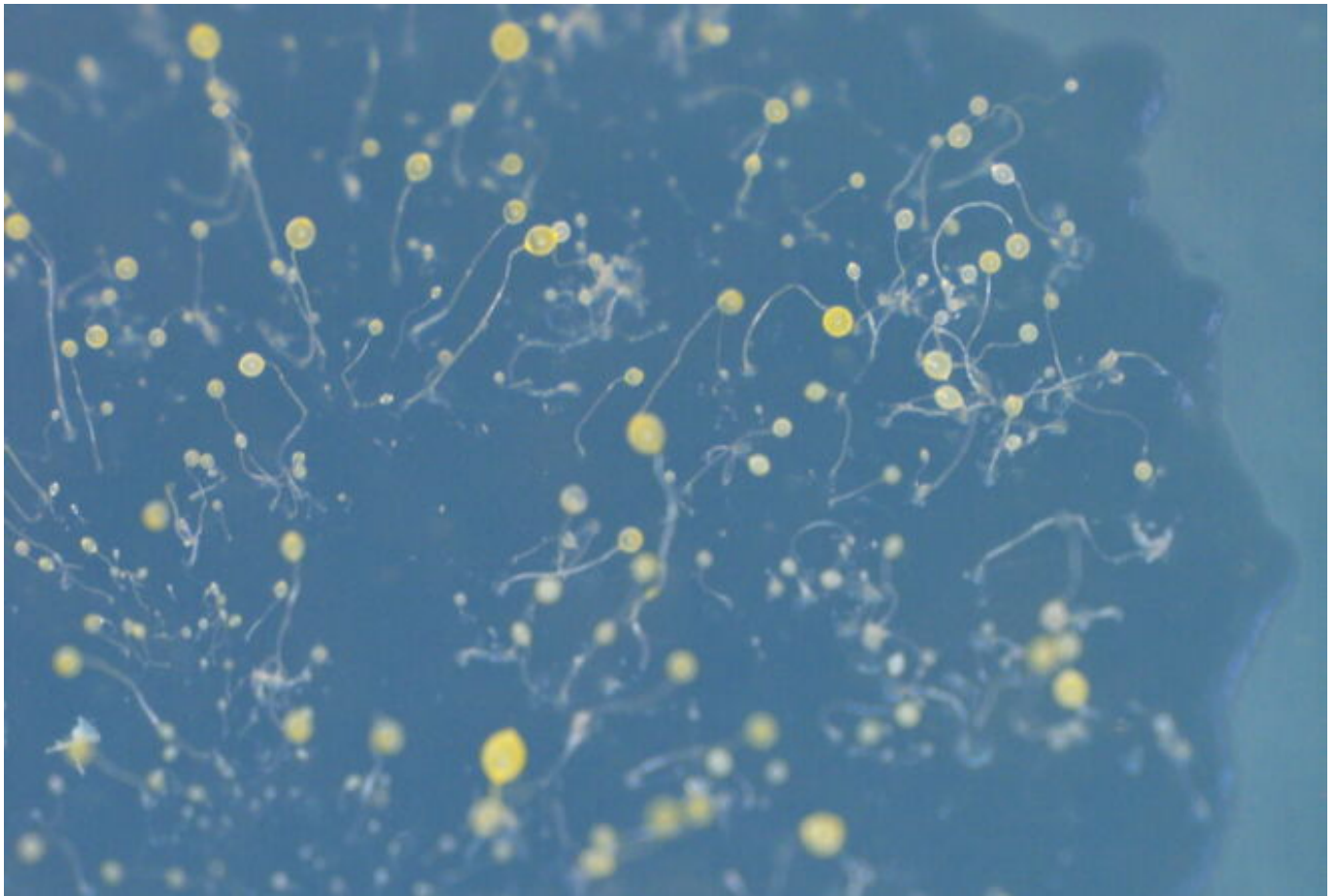
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