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Alumni

Publications

Richter I, Wein P, Uzum Z, Stanley CE, Krabbe J, Molloy EM, Moebius N, Ferling I, Hillmann F, Hertweck C (2023) Transcription activator-like effector protects bacterial endosymbionts from entrapment within fungal hyphae. *Curr Biol* 33(13), 2646-2656.e4..

Details



Richter I, Radosa S, Cseresnyés Z, Ferling I, Büttner H, Niehs SP, Gerst R, Figge MT, Hillmann F, Hertweck C (2022) Toxin-producing endosymbionts shield pathogenic fungus against micropredators. *mBio* 13(5), e0144022.

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Ferling I, Dunn JD, Ferling A, Soldati T, Hillmann F (2020) Conidial melanin of the human pathogenic fungus *Aspergillus fumigatus* disrupts cell autonomous defenses in amoebae. *mBio* 11(3), e00862-20.

Details

Janevska S, Ferling I, Jojić K, Rautschek J, Hoefgen S, Proctor RH, Hillmann F, Valiante V (2020) Self-protection against the sphingolipid biosynthesis inhibitor fumonisin B1 is conferred by a *FUM* cluster-encoded ceramide synthase. *mBio* 11(3), e00455-20.

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Radosa S, Ferling I, Sprague JL, Westermann M, Hillmann F (2019) The different morphologies of yeast and filamentous fungi trigger distinct killing and feeding mechanisms in a fungivorous amoeba. *Environ Microbiol* 21(5), 1809-1820.

Details

Hillmann F, Forbes G, Novohradská S, Ferling I, Riege K, Groth M, Marz M, Spaller T, Winckler T, Schaap P, Gloeckner G (2018) Multiple roots of fruiting body formation in Amoebozoa. *Genome Biol Evol* 10(2), 591-606.

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Novohradska S, Ferling I, Hillmann F (2017) Exploring virulence determinants of filamentous fungal pathogens through interactions with soil amoebae. *Front Cell Infect Microbiol* 7, 497. (Review)

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Geib E, Gressler M, Viediernikova I, Hillmann F, Jacobsen ID, Nietzsche S, Hertweck C, Brock M (2016) A non-canonical melanin biosynthesis pathway protects *Aspergillus terreus* conidia from environmental stress. *Cell Chem Biol* 23(5), 587-597.

Details

Publication list as PDF