

Publications

Krespach MKC, Stroe MC, Netzker T, Rosin M, Zehner LM, Komor AJ, Beilmann JM, Krüger T, Scherlach K, Kniemeyer O, Schroeckh V, Hertweck C, Brakhage AA (2023) *Streptomyces* polyketides mediate bacteria-fungi interactions across soil environments. *Nat Microbiol* 8(7), 1348-1361.

Zehner LM, Krespach MKC, Stroe MC, Rosin M, Schroeckh V, Brakhage AA (2023) Activation of Secondary Metabolite Production in Fungi. In: Pöggeler S, James T (eds.) *Evolution of Fungi and Fungal-Like Organisms. The Mycota*, Vol. 14, pp. 241-273. Springer.

Krespach MKC, Stroe MC, Flak M, Komor AJ, Nietzsche S, Sasso S, Hertweck C, Brakhage AA (2021) Bacterial marginolactones trigger formation of algal gloeocapsoids, protective aggregates on the verge of multicellularity. *Proc Natl Acad Sci U S A* 118(45), e2100892118.

Flak M, Krespach MKC, Pschibul A, Schroeckh V, Brakhage AA (2020) New avenues towards drug discovery in fungi. In: *The Mycota 2*, pp. 267-295. Springer, Cham. ISBN: 978-3-030-49923. (Review)

Krespach MKC, García-Altare M, Flak M, Schoeler H, Scherlach K, Netzker T, Schmalzl A, Mattern DJ, Schroeckh V, Komor AJ, Mittag M, Hertweck C, Brakhage AA (2020) Lichen-like association of *Chlamydomonas reinhardtii* and *Aspergillus nidulans* protects algal cells from bacteria. *ISME J* 14(11), 2794-2805.

Krespach MKC, Stroe MC, Brakhage AA (2020) Warum Mikroorganismen Naturstoffe produzieren. *BIOspektrum* 26, 731-733. (Review)

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Netzker T, Flak M, Krespach MK, Stroe MC, Weber J, Schroeckh V, Brakhage AA (2018) Microbial interactions trigger the production of antibiotics. *Curr Opin Microbiol* 45, 117-123. (Review)

Netzker T, Schroeckh V, Gregory MA, Flak M, Krespach MK, Leadlay PF, Brakhage AA (2016) An Efficient Method To Generate Gene Deletion Mutants of the Rapamycin-Producing Bacterium *Streptomyces iranensis* HM 35. *Appl Environ Microbiol* 82(12), 3481-3492.

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