

Felix Schalk

Functional and genomic analysis of bacterial and fungal natural products derived from the fungus-growing termite

Publications

Lee SR, Schalk F, Schwitalla JW, Guo H, Yu JS, Song M, Jung WH, de Beer ZW, Beemelmanns C, Kim KH (2022) GNPS-Guided Discovery of Madurastatin Siderophores from the Termite-Associated Actinomadura sp. RB99. *Chemistry* 28(36), e202200612. Details PubMed

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Schalk F, Gostinčar C, Kreuzenbeck NB, Conlon BH, Sommerwerk E, Rabe P, Burkhardt I, Krüger T, Kniemeyer O, Brakhage AA, Gunde-Cimerman N, de Beer ZW, Dickschat JS, Poulsen M, Beemelmanns C (2021) The Termite Fungal Cultivar Termitomyces Combines Diverse Enzymes and Oxidative Reactions for Plant Biomass Conversion. *mBio* 12(3), e0355120. Details PubMed

Um S, Seibel E, Schalk F, Balluff S, Beemelmanns C (2021) Targeted Isolation of Saalfelduracin B-D from Amycolatopsis saalfeldensis Using LC-MS/MS-Based Molecular Networking. *J Nat Prod* 84(4),

1002-1011. Details PubMed

Rak Lee S, Schalk F, Schwitalla JW, Benndorf R, Vollmers J, Kaster AK, de Beer ZW, Park M, Ahn MJ, Jung WH, Beemelmanns C, Kim KH (2020) Polyhalogenation of Isoflavonoids by the Termite-Associated Actinomadura sp. RB99. *J Nat Prod* , Details PubMed

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