

# Publications

Roman D, Meisinger P, Guillonneau R, Peng CC, Peltner LK, Jordan PM, Haensch V, Götze S, Werz O, Hertweck C, Chen Y, Beemelmans C (2024) Structure revision of a widespread marine sulfonolipid class based on isolation and total synthesis. *Angew Chem Int Ed Engl* [Epub ahead of print]

Bartholomäus ATH, Roman D, Al-Jammal WK, Vilotijević I, Christine Beemelmans C (2023) Synthesis of aryl- and alkyl-containing 3-methylene-5-hydroxy esters via a barbier allylation reaction. *Eur J Org Chem* 26(18), e202300177.

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Fricke J, Schalk F, Kreuzenbeck NB, Seibel E, Hoffmann J, Dittmann G, Conlon BH, Guo H, Wilhelm de Beer Z, Vassão DG, Gleixner G, Poulsen M, Beemelmans C (2023) Adaptations of *Pseudoxylaria* towards a comb-associated lifestyle in fungus-farming termite colonies. *ISME J* 17(5), 733-747.

Kreuzenbeck NB, Dhiman S, Roman D, Burkhardt I, Conlon BH, Fricke J, Guo H, Blume J, Görls H, Poulsen M, Dickschat JS, Köllner TG, Arndt HD, Beemelmans C (2023) Isolation, (bio)synthetic studies and evaluation of antimicrobial properties of drimenol-type sesquiterpenes of *Termitomyces* fungi. *Commun Chem* 6(1), 79.

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Guo H, Daniel JM, Seibel E, Burkhardt I, Conlon BH, Görls H, Vassão DG, Dickschat JS, Poulsen M, Beemelmans C (2022) Insights into the metabolomic capacity of podaxis and isolation of podaxisterols A-D, ergosterol derivatives carrying nitrosyl cyanide-derived modifications. *J Nat Prod* 85(9), 2159-2167.

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\*equal contribution #corresponding author