

## Publications

- Klapper M, Schlabach K, Paschold A, Zhang S, Chowdhury S, Menzel KD, Rosenbaum MA, Stallforth P (2020) Biosynthesis of *pseudomonas*-derived butenolides. *Angew Chem Int Ed* 59(14), 5607-5610.
- Kock F, Hauptmann M, Osterloh A, Schäberle TF, Poppert S, Frickmann H, Menzel KD, Peschel G, Pfarr K, Schiefer A, König GM, Hoerauf A, Fleischer B, Keller C (2018) *Orientia tsutsugamushi* is highly susceptible to the RNA polymerase switch region Inhibitor Corallopyronin A *in vitro* and *in vivo*. *Antimicrob Agents Chemother* 62(4), e01732-17.
- Guo H, Rischer M, Sperfeld M, Weigel C, Menzel KD, Clardy J, Beemelmans C (2017) Natural products and morphogenic activity of  $\gamma$ -Proteobacteria associated with the marine hydroid polyp *Hydractinia echinata*. *Bioorg Med Chem* 25(22), 6088-6097.
- Chankhamjon P, Tsunematsu Y, Ishida-Ito M, Sasa Y, Meyer F, Boettger-Schmidt D, Urbansky B, Menzel KD, Scherlach K, Watanabe K, Hertweck C (2016) Regioselective dichlorination of a non-activated aliphatic carbon atom and phenolic bismethylation by a multifunctional fungal flavoenzyme. *Angew Chem Int Ed* 55(39), 11955-11959.
- Schachtschabel D, Menzel KD, Krauter G, David A, Roth M, Horn U, Boland W, Wöstemeyer J, Schimek C (2010) Production and derivate composition of trisporoids in extended fermentation of *Blakeslea trispora*. *Appl Microbiol Biotechnol* 88(1), 241-249.
- Tchize Ndejoung Ble S, Sattler I, Maier A, Kelter G, Menzel KD, Fiebig HH, Hertweck C (2010) Hygrobafilomycin, a cytotoxic and antifungal macrolide bearing a unique monoalkylmaleic anhydride moiety, from *Streptomyces varsoviensis*. *J Antibiot (Tokyo)* 63(7), 359-363.
- Huang X, He J, Niu X, Menzel KD, Dahse HM, Grabley S, Fiedler HP, Sattler I, Hertweck C (2008) Benzopyrenomycin, a cytotoxic bacterial polyketide metabolite with a benzo[a]pyrene-type carbocyclic ring system. *Angew Chem Int Ed* 47(21), 3995-3998.
- 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.
- Li LY, Ding Y, Groth I, Menzel KD, Peschel G, Voigt K, Deng ZW, Sattler I, Lin WH (2008) Pyrrole and indole alkaloids from an endophytic *Fusarium incarnatum* (HKI00504) isolated from the mangrove plant *Aegiceras corniculatum*. *J Asian Nat Prod Res* 10(7-8), 765-770.
- Li YQ, Huang XS, Ishida K, Maier A, Kelter G, Jiang Y, Peschel G, Menzel KD, Li MG, Wen ML, Xu LH, Grabley S, Fiebig HH, Jiang CL, Hertweck C, Sattler I (2008) Plasticity in gilvocarcin-type C-glycoside pathways: discovery and antitumoral evaluation of polycarcin V from *Streptomyces polyformus*. *Org Biomol Chem* 6(19), 3601-3605.
- Niu X, Dahse HM, Menzel KD, Lozach O, Walther G, Meijer L, Grabley S, Sattler I (2008) Butyrolactone I derivatives from *Aspergillus terreus* carrying an unusual sulfate moiety. *J Nat Prod* 71(4), 689-692.
- Schachtschabel D, David A, Menzel KD, Schimek C, Wöstemeyer J, Boland W (2008) Cooperative biosynthesis of Trisporoids by the (+) and (-) mating types of the zygomycete

Blakeslea trispora. *ChemBioChem* 9(18), 3004-3012.

He J, Roemer E, Lange C, Huang X, Maier A, Kelter G, Jiang Y, Xu LH, Menzel KD, Grabley S, Fiebig HH, Jiang CL, Sattler I (2007) Structure, derivatization, and antitumor activity of new griseusins from *Nocardiopsis* sp. *J Med Chem* 50(21), 5168-5175.

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