

Maja Rischer

Alumni

Publikationen

Guo H, Rischer M, Beemelmans C (2022) Signalling molecules inducing metamorphosis in marine organisms. *Nat Prod Rep* 39(9), 1833-1855. (Review)

[Details](#)



Guo H, Rischer M, Westermann M, Beemelmans C (2021) Two distinct bacterial biofilm components trigger metamorphosis in the colonial hydrozoan *Hydractinia echinata*. *mBio* 12(3), e0040121.

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Um S, Guo H, Thiengmag S, Benndorf R, Murphy R, Rischer M, Braga D, Poulsen M, de Beer ZW, Lackner G, Beemelmans C (2021) Comparative genomic and metabolic analysis of *Streptomyces* sp. RB110 morphotypes illuminates genomic rearrangements and formation of a new 46-membered antimicrobial macrolide. *ACS Chem Biol* 16(8), 1482-1492.

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Lee SR, Lee D, Eom HJ, Rischer M, Ko YJ, Kang KS, Kim CS, Beemelmans C, Kim KH (2019) Hybrid polyketides from a *Hydractinia*-associated *Cladosporium sphaerospermum* SW67 and their putative biosynthetic origin. *Mar Drugs* 17(11), 606.

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Rischer M, Lee SR, Eom HJ, Park HB, Vollmers J, Kaster AK, Shin JH, Oh DC, Kim KH, Beemelmans C (2019) Spirocyclic cladosporicin A and cladosporiumins I and J from a *Hydractinia*-associated *Cladosporium sphaerospermum* SW67. *Org Chem Front* 6, 1084-1093.

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Rischer M, Raguz L, Guo H, Keiff F, Diekert G, Goris T, Beemelmans C (2018) Biosynthesis, synthesis and activities of barnesin A, a NRPS-PKS hybrid produced by an anaerobic Epsilonproteobacterium. *ACS Chem Biol* 13(8), 1990-1995.

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Benndorf R, Lechnitz D, Rischer M, Beemelmans C (2017) Wie sich Bakterien schützen. *Nachrichten aus der Chemie* 65(1), 21-25. (Review)

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Guo H, Rischer M, Sperfeld M, Weigel C, Menzel KD, Clardy J, Beemelmans C (2017) Natural products and morphogenic activity of γ -Proteobacteria associated with the marine hydroid polyp *Hydractinia echinata*. *Bioorg Med Chem* 25(22), 6088-6097.

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Rischer M, Lechnitz D, Beemelmans C (2017) Bakterien-induzierte Morphogenese mariner Eukaryoten Wissenschaft. *BIOSpektrum* 2017(6), 634-637. (Review)

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Beemelmanns C, Guo H, Rischer M, Poulsen M (2016) Natural products from microbes associated with insects. *Beilstein J Org Chem* 12, 314-327.

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