Publications

Richter I, Uzum Z, Wein P, Molloy EM, Moebius N, Stinear TP, Pidot SJ, Hertweck C (2023) Transcription activator-like effectors from endosymbiotic bacteria control the reproduction of their fungal host. *mBio* 14(6), e0182423.

Richter I, Wein P, Uzum Z, Stanley CE, Krabbe J, Molloy EM, Moebius N, Ferling I, Hillmann F, Hertweck C (2023) Transcription activator-like effector protects bacterial endosymbionts from entrapment within fungal hyphae. *Curr Biol* 33(13), 2646-2656.e4..

Niehs S, Scherlach K, Dose B, Uzum Z, Stinear T, Pidot S, Hertweck C (2022) A highly conserved gene locus in endofungal bacteria codes for the biosynthesis of symbiosis-specific cyclopeptides. *PNAS nexus* 1(4), 152.

Braga D, Last D, Hasan M, Guo H, Leichnitz D, Uzum Z, Richter I, Schalk F, Beemelmanns C, Hertweck C, Lackner G (2019) Metabolic pathway rerouting in *Paraburkholderia rhizoxinica* evolved long-overlooked derivatives of coenzyme F420. *ACS Chem Biol* 14(9), 2088-2094.

Horn F, Üzüm Z, Möbius N, Guthke R, Linde J, Hertweck C (2015) Draft Genome Sequences of Symbiotic and Nonsymbiotic Rhizopus microsporus Strains CBS 344.29 and ATCC 62417. *Genome Announc* 3(1), pii: e01370-14.

Uzum Z, Silipo A, Lackner G, De Felice A, Molinaro A, Hertweck C (2015) Structure, Genetics and Function of an Exopolysaccharide Produced by a Bacterium Living within Fungal Hyphae. *Chembiochem* 16(3), 387-392.

Moebius N, Uzüm Z, Dijksterhuis J, Lackner G, Hertweck C (2014) Active invasion of bacteria into living fungal cells. *Elife* , e03007.

[*]equal contribution [#]corresponding author