Global distribution and evolution of a toxinogenic Burkholderia-Rhizopus symbiosis.

Lackner G, Möbius N, Scherlach K, Partida-Martinez LP, Winkler R, Schmitt I, Hertweck C (2009) Global distribution and evolution of a toxinogenic Burkholderia-Rhizopus symbiosis. *Appl Environ Microbiol* 75(9), 2982-2986.

Details

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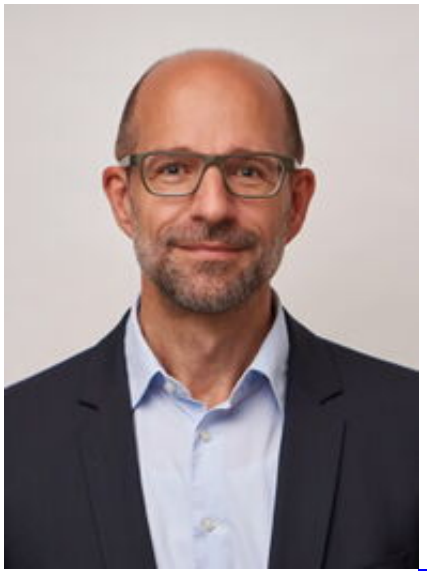
Abstract

Toxinogenic endobacteria were isolated from a collection of Rhizopus spp. representing highly diverse geographic origins and ecological niches. All endosymbionts belonged to the Burkholderia rhizoxinica complex according to matrix-assisted laser desorption ionization-time of flight biotyping and multilocus sequence typing, suggesting a common ancestor. Comparison of host and symbiont phylogenies provides insights into possible cospeciation and horizontal-transmission events.

Involved units

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