Dr. Daniel Kalb

Alumni

Publications

Kalb D, Gressler J, Hoffmeister D (2016) Active-Site Engineering Expands the Substrate Profile of the Basidiomycete L-Tryptophan Decarboxylase CsTDC. *ChemBioChem* 17, 132-136.

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PubMed

Kalb D, Heinekamp T, Schieferdecker S, Nett M, Brakhage AA, Hoffmeister D (2016) An Iterative O-Methyltransferase Catalyzes 1,11-Dimethylation of *Aspergillus fumigatus* Fumaric Acid Amides. *ChemBioChem* 17, 1813-1817.

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Kalb D, Heinekamp T, Lackner G, Scharf DH, Dahse HM, Brakhage AA, Hoffmeister D (2015) Genetic engineering activates biosynthesis of aromatic fumaric acid amides in the human pathogen *Aspergillus fumigatus*. *Appl Environ Microbiol* 81, 1594-1600.

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Chankhamjon P, Boettger-Schmidt D, Scherlach K, Urbansky B, Lackner G, Kalb D, Dahse HM, Hoffmeister D, Hertweck C (2014) Biosynthesis of the Halogenated Mycotoxin Aspirochlorine in Koji Mold Involves a Cryptic Amino Acid Conversion. *Angew Chem Int Ed Engl* 53, 13409-13413.

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Kalb D, Lackner G, Hoffmeister D (2014) Functional and phylogenetic divergence of fungal adenylate-forming reductases. *Appl Environ Microbiol* 80, 6175-6183.

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Kalb D, Lackner G, Hoffmeister D (2013) Fungal peptide synthetases – an update on functions and specificity signatures *Fungal Biology Reviews* 27, 43-50.

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Publication list as PDF