Dr. Jana Braesel

Alumni

Publications

Braesel J, Fricke J, Schwenk D, Hoffmeister D (2017) Biochemical and genetic basis of orsellinic acid biosynthesis and prenylation in a stereaceous basidiomycete. *Fungal Genet Biol* 98, 12-19.

Details

Shah F, Nicolas C, Bentzer J, Ellström M, Smits M, Rineau F, Canbäck B, Floudas D, Carleer R, Lackner G, Braesel J, Hoffmeister D, Henrissat B, Ahrén D, Johansson T, Hibbett DS, Martin F, Persson P, Tunlid A (2016) Ectomycorrhizal fungi decompose soil organic matter using oxidative mechanisms adapted from saprotrophic ancestors. *New Phytol* 209, 1705-1719.

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PubMed

Braesel J, Götze S, Shah F, Heine D, Tauber J, Hertweck C, Tunlid A, Stallforth P, Hoffmeister D (2015) Three redundant synthetases secure redox-active pigment production in the basidiomycete *Paxillus involutus*. *Chem Biol* 22, 1325-1334.

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Lackner G, Misiek M, Braesel J, Hoffmeister D (2012) Genome mining reveals the evolutionary origin and biosynthetic potential of basidiomycete polyketide synthases. *Fungal Genet Biol* 49, 996-991003.

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Misiek M, Braesel J, Hoffmeister D (2011) Characterisation of the ArmA adenylation domain implies a more diverse secondary metabolism in the genus *Armillaria*. *Fungal Biol* 115, 775-781.

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