

Publications

Raguž L, Peng CC, Rutaganira FUN, Krüger T, Stanišić A, Jautzus T, Kries H, Kniemeyer O, Brakhage AA, King N, Beemelmans C (2022) Total synthesis and functional evaluation of IORs, sulfonolipid-based inhibitors of cell differentiation in *Salpingoeca rosetta*. *Angew Chem Int Ed* 61(41), e202209105.

Stanišić A, Svensson CM, Ettelt U, Kries H[#] (2022) Defining a nonribosomal specificity code for design. *bioRxiv* [Preprint]

Wurlitzer JM, Stanišić A, Ziethe S, Jordan PM, Günther K, Werz O, Kries H, Gressler M (2022) Macrophage-targeting oligopeptides from *Mortierella alpina*. *Chem Sci* 13(31), 9091-9101.

Stanišić A, Hüsken A, Stephan P, Niquille DL, Reinstein J, Kries H (2021) Engineered nonribosomal peptide synthetase shows opposite amino acid loading and condensation specificity. *ACS Catal* 11(14), 8692-8700.

Wurlitzer J, Stanišić A, Wasmuth I, Jungmann S, Fischer D, Kries H, Gressler M (2020) Bacterial-like nonribosomal peptide synthetases produce cyclopeptides in the zygomycetous fungus *Mortierella alpina*. *Appl Env Microbiol* 87(3), e02051-20.

Stanišić A, Hüsken A, Kries, H (2019) HAMA: A multiplexed LC-MS/MS assay for specificity profiling of adenylate-forming enzymes. *Chem Sci* 10(44), 10395-10399.

Stanišić A, Kries H (2019) Adenylation domains in nonribosomal peptide engineering. *ChemBioChem* 20(11), 1347-1356. (Review)

*equal contribution #corresponding author