

Publications

Goldmann M^{*}, Schmidt F^{*}, Cseresnyés Z, Orasch T, Jahreis S, Hartung S, Figge MT, von Lilienfeld-Toal M, Heinekamp T, Brakhage AA[#] (2023) The lipid raft-associated protein stomatin is required for accumulation of dectin-1 in the phagosomal membrane and for full activity of macrophages against *Aspergillus fumigatus*. *mSphere* 8(1), e00523-22.

González K^{*}, Gangapurwala G^{*}, Alex J^{*}, Vollrath A, Cseresnyés Z, Weber C, Czaplewska JA, Hoeppener S, Svensson CM, Orasch T, Heinekamp T, Guerrero-Sánchez C, Figge MT, Schubert US, Brakhage AA (2023) Targeting of phagolysosomes containing conidia of the human pathogenic fungus *Aspergillus fumigatus* with polymeric particles. *Appl Microbiol Biotechnol* 107(2-3), 819-834.

Orasch T^{*}, Gangapurwala G^{*}, Vollrath A, González K, Alex J, De San Luis A, Weber C, Hoeppener S, Cseresnyés Z, Figge MT, Guerrero-Sánchez C, Schubert US[#], Brakhage AA[#] (2023) Polymer-based particles against pathogenic fungi: A non-uptake delivery of compounds. *Biomater Adv* 146, 213300.

Alex J, Gonzalez K, Kindel T, Bellstedt P, Weber C, Heinekamp T, Orasch T, Guerrero-Sánchez C, Schubert US, Brakhage AA (2020) Caspofungin functionalized polymethacrylates with antifungal properties. *Biomacromolecules* 21(6), 2104-2115.

Long N, Orasch T, Zhang S, Gao L, Xu X, Hortschansky P, Ye J, Zhang F, Xu K, Gsaller F, Straßburger M, Binder U, Heinekamp T, Brakhage AA, Haas H, Lu L (2018) The Zn2Cys6-type transcription factor LeuB cross-links regulation of leucine biosynthesis and iron acquisition in *Aspergillus fumigatus*. *PLOS Genet* 14(10), e1007762.

^{*}equal contribution [#]corresponding author