

Publications

Jia LJ[#], González K^{*}, Orasch T^{*}, Schmidt F^{*}, Brakhage AA[#] (2024) Manipulation of host phagocytosis by fungal pathogens and therapeutic opportunities. *Nat Microbiol* 9(9), 2216-2231. (Review)

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

Rafiq M, Riviaccio F, Zimmermann AK, Visser C, Bruch A, Krüger T, González Rojas K, Kniemeyer O, Blango MG, Brakhage AA (2022) PLB-985 neutrophil-like cells as a model to study *Aspergillus fumigatus* pathogenesis. *mSphere* 7(1), e0094021.

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

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