

# Publications

Hoang TNM<sup>\*</sup>, Cseresnyés Z<sup>\*</sup>, Hartung S<sup>\*</sup>, Blickensdorf M, Saffer C, Rennert K, Mosig AS, von Lilienfeld-Toal M, Figge MT (2022) Invasive aspergillosis-on-chip: A quantitative treatment study of human *Aspergillus fumigatus* infection. *Biomaterials* 283, 121420.

Blickensdorf M, Timme S, Figge MT (2020) Hybrid agent-based modeling of *Aspergillus fumigatus* infection to quantitatively investigate the role of Pores of Kohn in human alveoli. *Front Microbiol* 11, 1951.

Medyukhina A<sup>\*</sup>, Blickensdorf M<sup>\*</sup>, Cseresnyés Z, Ruef N, Stein JV, Figge MT; <sup>\*</sup> authors contributed equally (2020) Dynamic spherical harmonics approach for shape classification of migrating cells. *Sci Rep* 10(1), 6072.

Blickensdorf M, Timme S, Figge MT (2019) Comparative assessment of aspergillosis by virtual infection modeling in murine and human lung. *Front Immunol* 10, 142.

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