

Publications

Brandes S, Mokhtari Z, Essig F, Hünninger K, Kurzai O, Figge MT (2015) Automated segmentation and tracking of non-rigid objects in time-lapse microscopy videos of polymorphonuclear neutrophils. *Medical Image Analysis* 20(1), 34-51.

Duggan S, Essig F, Hünninger K, Mokhtari Z, Bauer L, Lehnert T, Brandes S, Häder A, Jacobsen ID, Martin R, Figge MT, Kurzai O (2015) Neutrophil activation by *Candida glabrata* but not *Candida albicans* promotes fungal uptake by monocytes. *Cell Microbiol* 17(9), 1259-1276.

Medyukhina A, Timme S, Mokhtari Z, Figge MT (2015) Image-based Systems Biology of Infection. *Cytometry A* 87(6), 462-470.

Mokhtari Z^{*}, Mech F^{*}, Zehentmeier S, Hauser AE, Figge MT (2015) Quantitative image analysis of cell colocalization in murine bone marrow. *Cytometry A* 87(6), 503-512, ^{*}authors contributed equally.

Mokhtari Z, Mech F, Zitzmann C, Hasenberg M, Gunzer M, Figge MT (2013) Automated characterization and parameter-free classification of cell tracks based on local migration behavior. *PLOS ONE* 8(12), e80808.

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