

# Publications

Belyaev I<sup>\*</sup>, Marolda A<sup>\*</sup>, Praetorius JP, Sarkar A, Medyukhina A, Hänniger K, Kurzai O, Figge MT (2022) Automated characterisation of neutrophil activation phenotypes in *ex vivo* human *Candida* blood infections. *Comput Struct Biotechnol J* 20, 2297-2308.

Belyaev I<sup>\*</sup>, Praetorius JP<sup>\*</sup>, Medyukhina A, Figge MT (2021) Enhanced segmentation of label-free cells for automated migration and interaction tracking. *Cytometry A* 99(12), 1218-1229.

Shopova IA, Belyaev I, Dasari P, Jahreis S, Stroe MC, Cseresnyés Z, Zimmermann AK, Medyukhina A, Svensson C-M, Krüger T, Szeifert V, Nietzsche S, Conrad T, Blango MG, Kniemeyer O, von Lilienfeld-Toal M, Zipfel PF, Ligeti E, Figge MT, Brakhage AA (2020) Human neutrophils produce antifungal extracellular vesicles against *Aspergillus fumigatus*. *mBio* 11(2), e00596-20.

Svensson C-M, Medyukhina A, Belyaev I, Al-Zaben N, Figge MT (2018) Untangling cell tracks: Quantifying cell migration by time lapse image data analysis. *Cytometry A* 93(3), 357-370. (Review)

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