Publications

Sarkar A, Praetorius JP, Figge MT[#] (2024) Deep learning-based characterization of neutrophil activation phenotypes in *ex vivo* human *Candida* blood infections. *Comput Struct Biotechnol J* 23, 1260-1273.

Walluks K[*], Praetorius JP[*], Arnold D[#], Figge MT[#] (2024) Impact of functional electrical stimulation on nerve-damaged muscles by quantifying fat infiltration using deep learning. *Sci Rep* 14(1), 12158.

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Belyaev I[*], Marolda A[*], Praetorius JP, Sarkar A, Medyukhina A, Hünniger 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[*], Praetorius JP[*], Medyukhina A, Figge MT (2021) Enhanced segmentation of label-free cells for automated migration and interaction tracking. *Cytometry A* 99(12), 1218-1229.

Lehnert T, Praußе MTE, Hünniger K, Praetorius JP, Kurzai O, Figge MT (2021) Comparative assessment of immune evasion mechanisms in human whole-blood infection assays by a systems biology approach. *PLOS One* 16(4), e0249372.

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