

# Publications

Lehnert T, Prauße MTE, Hünninger 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.

Sreekantapuram S<sup>\*</sup>, Lehnert T<sup>\*</sup>, Prauße MTE, Berndt A, Berens C, Figge MT<sup>\*\*</sup>, Jacobsen ID<sup>\*\*</sup>; <sup>\*</sup> authors contributed equally; <sup>\*\*</sup> corresponding authors (2020) Dynamic interplay of host and pathogens in an avian whole blood model. *Front Immunol* 11, 500.

Prauße MTE, Lehnert T, Timme S, Hünninger K, Leonhardt I, Kurzai O, Figge MT (2018) Predictive virtual infection modeling of fungal immune evasion in human whole blood. *Front Immunol* 9, 560.

Timme S, Lehnert T, Prauße MTE, Hünninger K, Leonhardt I, Kurzai O, Figge MT (2018) Quantitative simulations predict treatment strategies against fungal infections in virtual neutropenic patients. *Front Immunol* 9, 667.

Prauße MTE, Schäuble S, Guthke R, Schuster S (2015) Computing the various pathways of penicillin synthesis and their molar yields. *Biotechnology and Bioengineering* 113(1), 173-181.

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