Maria Prauße

Alumni

Publications

Lehnert T, Prauße 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.

Details



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

Details



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

Details



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

Details



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.

Details

PubMed

Publication list as PDF