

Publications

Vivas W, Leonhardt I, Hünninger K, Häder A, Marolda A, Kurzai O (2019) Multiple signaling pathways involved in human dendritic cell maturation are affected by the fungal quorum-sensing molecule farnesol. *J Immunol* 203(11), 2959-2969.

Polke M, Leonhardt I, Kurzai O, Jacobsen ID (2018) Farnesol signalling in *Candida albicans* - more than just communication. *Crit Rev Microbiol* 44(2), 230-243. (Review)

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.

Dix A, Czakai K, Leonhardt I, Schäferhoff K, Bonin M, Einsele H, Guthke R, Kurzai O, Löffler J, Linde J (2017) Specific and novel microRNAs are regulated as response to fungal infection in human dendritic cells. *Front Microbiol* 8, 270.

Ziegler S, Weiss E, Schmitt AL, Schlegel J, Burgert A, Terpitz U, Sauer M, Moretta L, Sivori S, Leonhardt I, Kurzai O, Einsele H, Loeffler J (2017) CD56 Is a Pathogen Recognition Receptor on Human Natural Killer Cells. *Sci Rep* 7(1), 6138.

Czakai K, Leonhardt I, Dix A, Bonin M, Linde J, Einsele H, Kurzai O, Löffler J (2016) Krüppel-like Factor 4 modulates interleukin-6 release in human dendritic cells after *in vitro* stimulation with *Aspergillus fumigatus* and *Candida albicans* *Sci Rep* 6, 27990.

Duggan S, Leonhardt I, Hünninger K, Kurzai O (2015) Host response to *Candida albicans* bloodstream infection and sepsis. *Virulence* , 1-11. (Review)

Leonhardt I, Spielberg S, Weber M, Albrecht-Eckardt D, Bläss M, Claus R, Barz D, Scherlach K, Hertweck C, Löffler J, Hünninger K, Kurzai O (2015) The fungal quorum-sensing molecule farnesol activates innate immune cells but suppresses cellular adaptive immunity. *MBio* 6(2), e00143.

Wilson D, Thewes S, Zakikhany K, Fradin C, Albrecht A, Almeida R, Brunke S, Grosse K, Martin R, Mayer F, Leonhardt I, Schild L, Seider K, Skibbe M, Slesiona S, Waechter B, Jacobsen I, Hube B (2009) Identifying infection-associated genes of *Candida albicans* in the postgenomic era. *FEMS Yeast Res* 9(5), 688-700. (Review)

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