

M. Sc. Theresia Conrad

Alumni

Publications

Kämmer P, McNamara S^{*}, Wolf T, Conrad T, Allert S, Gerwien F, Hänniger K, Kurzai O, Guthke R, Hube B, Linde J, Brunke S (2020) Survival strategies of pathogenic *Candida* species in human blood show independent and specific adaptations. *mBio* 11(5), e02435-20.

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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.

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Conrad T*, Kniemeyer O, Henkel SG, Krüger T, Mattern DJ, Valiante V, Guthke R, Jacobsen ID, Brakhage AA, Vlaic S, Linde J (2018) Module-detection approaches for the integration of multilevel omics data highlight the comprehensive response of *Aspergillus fumigatus* to caspofungin. *BMC Syst Biol* 12(1), 88.

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Lehmann R, Müller MM, Klassert TE, Driesch D, Stock M, Conrad T, Moore C, Schier U, Guthke R, Slevogt H (2018) Differential regulation of the transcriptomic and secretomic landscape of sensor and effector functions of human airway epithelial cells. *Mucosal Immunol* 11(3), 627-642.

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Vlaic S, Conrad T, Tokarski-Schnelle C, Gustafsson M, Dahmen U, Guthke R, Schuster S (2018) ModuleDiscoverer: Identification of regulatory modules in protein-protein interaction networks. *Sci Rep* 8(1), 433.

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Müller MM, Lehmann R, Klassert TE, Reifenstein S, Conrad T, Moore C, Kuhn A, Behnert A, Guthke R, Driesch D, Slevogt H (2017) Global analysis of glycoproteins identifies markers of endotoxin tolerant monocytes and GPR84 as a modulator of TNF α expression. *Sci Rep* 7(1), 838.

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Guthke R, Gerber S, Conrad T, Vlaic S, Durmus S, Cakir T, Sevilgen E, Shelest E, Linde J (2016) Data-based reconstruction of gene regulatory networks of fungal pathogens. *Front Microbiol* 7, 570.

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Hebecker B, Vlaic S, Conrad T, Bauer M, Brunke S, Kapitan M, Linde J, Hube B, Jacobsen ID (2016) Dual-species transcriptional profiling during systemic candidiasis reveals organ-specific

host-pathogen interactions. *Sci Rep* 6, 36055.

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Schleicher J(+), Conrad T(+), Gustafsson M, Cedersund G, Guthke R, Linde J (2015) Facing the challenges of multiscale modelling of bacterial and fungal pathogen-host interactions *Briefings in Functional Genomics* 2016, pii: elv064. (Review)

[Details](#)



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