

# Publications

Dewi IMW, Bruno M, Janssen NAF, Gresnigt MS, van Laarhoven A, van Crevel R, van de Veerdonk FL (2025) *Aspergillus fumigatus* and *Mycobacterium tuberculosis* synergistically induce TNF and IL-1 $\beta$  via different pathways in human peripheral blood mononuclear cells. *Cytokine* 195, 157018.

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Hitzler SUJ, Fernández-Fernández C, Günther K, Dietschmann A, Hovhannisyan H, Möslinger A, Austermeier S, Cristóvão B, Vascelli G, Zelante T, Pekmezović M, Ramírez-Zavala B, Morschhäuser J, Werz O, Gabaldón T, Jordan PM, Vylkova S, Gresnigt MS (2025) Host albumin redirects *Candida albicans* metabolism to engage an alternative pathogenicity pathway. *Nat Commun* 16(1), 6447.

Kaden T, Alonso-Román R, Stallhofer J, Gresnigt MS, Hube B, Mosig AS (2025) Leveraging organ-on-chip models to investigate host-microbiota dynamics and targeted therapies for inflammatory bowel disease. *Adv Healthc Mater* 14(10), e2402756. (Review)

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Valentine M, Rosati D, Dietschmann A, Schille TB, Netea MG, Hube B, Gresnigt MS (2025) Probiotic *Lactobacillus* species modulate immune responses during vaginal epithelial cell colonization. *J Infect Dis* 232(3), e403-e415.

Valentine M, Wilson D, Gresnigt MS, Hube B (2025) Vaginal *Candida albicans* infections: host-pathogen-microbiome interactions. *FEMS Microbiol Rev* 49, fuaf013. (Review)

Wagener J, Wang X, Becker KL, Aimaniananda V, Valsecchi I, Gresnigt MS, Netea MG, Latge JP, Gow NAR, van de Veerdonk FL (2025) Immunomodulatory function of chitosan is dependent on complement receptor 3. *Cell Surf* 14, 100146.

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Kaden T<sup>\*</sup>, Alonso-Roman R<sup>\*</sup>, Akbarimoghaddam P<sup>\*</sup>, Mosig AS, Graf K, Raasch M, Hoffmann B, Figge MT<sup>#</sup>, Hube B<sup>#</sup>, Gresnigt MS<sup>#</sup> (2024) Modeling of intravenous caspofungin administration using an intestine-on-chip reveals altered *Candida albicans* microcolonies and pathogenicity. *Biomaterials* 307, 122525.

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