

# Publications

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)

Koceva H, Amiratashani M, Akbarimoghaddam P, Hoffmann B, Zhurgenbayeva G, Gresnigt MS, Marcelino VR, Eggeling C, Figge MT, Amorim MJ, Mosig AS<sup>#</sup> (2025) Deciphering respiratory viral infections by harnessing organ-on-chip technology to explore the gut-lung axis. *Open Biol* 15(3), 240231.

Alonso-Roman R, Mosig AS, Figge MT, Papenfort K, Eggeling C, Schacher FH, Hube B<sup>#</sup>, Gresnigt MS (2024) Organ-on-chip models for infectious disease research. *Nat Microbiol* 9(4), 891-904. (Review)

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Alonso-Monge R, Gresnigt MS, Román E, Hube B, Pla J (2021) *Candida albicans* colonization of the gastrointestinal tract: A double-edged sword. *PLOS Pathog* 17(7), e1009710.

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Last A, Maurer M, Mosig AS, Gresnigt MS, Hube B (2021) *In vitro* infection models to study fungal-host interactions. *FEMS Microbiol Rev* 45(5), fuab005. (Review)

Kumamoto CA, Gresnigt MS, Hube B (2020) The gut, the bad and the harmless: *Candida Albicans* as a commensal and opportunistic pathogen in the intestine. *Curr Opin Microbiol* 56, 7-15. (Review)

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