

# Publications

Schille TB, Sprague JL, Naglik JR, Brunke S, Hube B (2025) Commensalism and pathogenesis of *Candida albicans* at the mucosal interface. *Nat Rev Microbiol* ,

Schaefer S, Vij R, Sprague JL, Austermeier S, Dinh H, Judzewitsch PR, Müller-Loennies S, Lopes Silva T, Seemann E, Qualmann B, Hertweck C, Scherlach K, Gutschmann T, Cain AK, Corrigan N, Gresnigt MS, Boyer C, Lenardon MD, Brunke S (2024) A synthetic peptide mimic kills *Candida albicans* and synergistically prevents infection. *Nat Commun* 15(1), 6818.

Sprague JL, Schille TB, Allert S, Trümper V, Lier A, Großmann P, Priest EL, Tsavou A, Panagiotou G, Naglik JR, Wilson D, Schäuble S, Kasper L<sup>\*</sup>, Hube B<sup>\*#</sup> (2024) *Candida albicans* translocation through the intestinal epithelial barrier is promoted by fungal zinc acquisition and limited by NFκB-mediated barrier protection. *PLoS Pathog* 20(3), e1012031.

Alonso-Roman R, Last A, Mirhakkak MH, Sprague JL, Möller L, Großmann P, Graf K, Gratz R, Mogavero S, Vylkova S, Panagiotou G, Schäuble S, Hube B, Gresnigt MS (2022) *Lactobacillus rhamnosus* colonisation antagonizes *Candida albicans* by forcing metabolic adaptations that compromise pathogenicity. *Nat Commun* 13(1), 3192.

Declas N, Maynard JRJ, Menin L, Gasilova N, Götze S, Sprague JL, Stallforth P, Matile S, Waser J<sup>\*</sup> (2022) Tyrosine bioconjugation with hypervalent iodine. *Chem Sci* 13(43), 12808-12817.

Sprague JL, Kasper L, Hube B (2022) From intestinal colonization to systemic infections: *Candida albicans* translocation and dissemination. *Gut Microbes* 14(1), 2154548. (Review)

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Radosa S, Ferling I, Sprague JL, Westermann M, Hillmann F (2019) The different morphologies of yeast and filamentous fungi trigger distinct killing and feeding mechanisms in a fungivorous amoeba. *Environ Microbiol* 21(5), 1809-1820.

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