

Publications

Fróis-Martins R, Lagler J, Schille TB, Elshafee O, Martinez de San Vicente K, Mertens S, Stokmaier M, Kilb I, Sertour N, Bachellier-Bassi S, Mogavero S, Sanglard D, d'Enfert C, Hube B, LeibundGut-Landmann S (2025) Dynamic expression of candidalysin facilitates oral colonization of *Candida albicans* in mice. *Nat Microbiol* 10(10), 2472-2485.

Schille TB, Sprague JL, Naglik JR, Brunke S, Hube B (2025) Commensalism and pathogenesis of *Candida albicans* at the mucosal interface. *Nat Rev Microbiol* 23(8), 525-540. (Review)

Sprague JL, Schille TB, Lange T, Sonnberger J, Allert S, Schönert J, Kasper L, Hube B (2025) Fungal determinants contributing to translocation of *Candida albicans* yeast cells through the intestinal epithelial barrier. *MicroLife* 6, uqaf026.

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.

Liang SH, Sircaik S, Dainis J, Kakade P, Penumutchu S, McDonough LD, Chen YH, Frazer C, Schille TB, Allert S, Elshafee O, Hänel M, Mogavero S, Vaishnav S, Cadwell K, Belenky P, Perez JC, Hube B, Ene IV, Bennett RJ (2024) The hyphal-specific toxin candidalysin promotes fungal gut commensalism. *Nature* 627(8004), 620-627.

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^{*}, Hube B^{*#} (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.

*equal contribution #corresponding author