

Publications

Garbe E, Thielemann N, Hohner S, Kumar A, Vylkova S, Kurzai O, Martin R (2023) Functional analysis of the *Candida albicans* ECE1 Promoter. *Microbiol Spectr* 11(2), e0025323.

Böttcher B, Driesch D, Krüger T, Garbe E, Gerwien F, Kniemeyer O, Brakhage AA, Vylkova S (2022) Impaired amino acid uptake leads to global metabolic imbalance of *Candida albicans* biofilms. *NPJ Biofilms Microbiomes* 8(1), 78.

Garbe E, Gerwien F, Driesch D, Müller T, Böttcher B, Gräler M, Vylkova S (2022) Systematic metabolic profiling identifies *de novo* sphingolipid synthesis as hypha associated and essential for *Candida albicans* filamentation. *mSystems* 7(6), e0053922.

Garbe E, Miramón P, Gerwien F, Ueberschaar N, Hansske-Braun L, Brandt P, Böttcher B, Lorenz M, Vylkova S (2022) GNP2 encodes a high-specificity proline permease in *Candida albicans*. *mBio* 13(1), e0314221.

Böttcher B, Hoffmann B, Garbe E, Weise T, Cseresnyés Z, Brandt P, Dietrich S, Driesch D, Figge MT, Vylkova S (2020) The transcription factor Stp2 is important for *Candida albicans* biofilm establishment and sustainability. *Front Microbiol* 11, 794.

Brandt P, Garbe E, Vylkova S (2020) Catch the wave: Metabolomic analyses in human pathogenic fungi. *PLOS Pathog* 16(8), e1008757. (Review)

Gerwien F, Dunker C, Brandt P, Garbe E, Jacobsen ID, Vylkova S (2020) Clinical *Candida albicans* vaginal isolates and a laboratory strain show divergent behaviors during macrophage interactions. *mSphere* 5(4), e00393-20.

Ruben S, Garbe E, Mogavero S, Albrecht-Eckardt D, Hellwig D, Häder A, Krüger T, Gerth K, Jacobsen ID, Elshafee O, Brunke S, Hünninger K, Kniemeyer O, Brakhage AA, Morschhäuser J, Hube B, Vylkova S, Kurzai O, Martin R (2020) Ahr1 and Tup1 contribute to the transcriptional control of virulence-associated genes in *Candida albicans*. *mBio* 11(2), e00206-20.

Garbe E, Vylkova S (2019) Role of amino acid metabolism in the virulence of human pathogenic fungi. *Curr Clin Micro Rpt* 6(9), 108-119. (Review)

Liponska A, Jamalli A, Kuras R, Suay L, Garbe E, Wollman FA, Laalami S, Putzer H (2018) Tracking the elusive 5' exonuclease activity of *Chlamydomonas reinhardtii* RNase J. *Plant Mol Biol* 96(6), 641-653.

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