

# Publications

Mentrup T, Stumpff-Niggemann AY, Leinung N, Schlosser C, Schubert K, Wehner R, Tunger A, Schatz V, Neubert P, Gradtke AC, Wolf J, Rose-John S, Saftig P, Dalpke A, Jantsch J, Schmitz M, Fluhrer R, Jacobsen ID, Schröder B (2022) Phagosomal signalling of the C-type lectin receptor Dectin-1 is terminated by intramembrane proteolysis. *Nat Commun* 13(1), 1880.

Ramírez-Zavala B, Krüger I, Dunker C, Jacobsen ID, Morschhäuser J (2022) The protein kinase Ire1 has a Hac1-independent essential role in iron uptake and virulence of *Candida albicans*. *PLoS Pathog* 18(2), e1010283.

Dunker C, Polke M, Schulze-Richter B, Schubert K, Rudolphi S, Gressler AE, Pawlik T, Prada Salcedo JP, Niemiec MJ, Slesiona-Künzel S, Swidergall M, Martin R, Dandekar T, Jacobsen ID (2021) Rapid proliferation due to better metabolic adaptation results in full virulence of a filament-deficient *Candida albicans* strain. *Nat Commun* 12(1), 3899.

Machata S, Sreekantapuram S, Hünninger K, Kurzai O, Dunker C, Schubert K, Krüger W, Schulze-Richter B, Speth C, Rambach G, Jacobsen ID (2021) Significant differences in host-pathogen interactions between murine and human whole blood. *Front Immunol* 11, 565869.

Papon N, Naglik JR, Hube B, Goldman GH (2021) Fungal pathogenesis: A new venom. *Curr Biol* 31(8), R391-R394. (Review)

Fischer J, Walter C, Tönges A, Aleth H, Jordão MJC, Leddin M, Gröning V, Erdmann T, Lenz G, Roth J, Vogl T, Prinz M, Dugas M, Jacobsen ID, Rosenbauer F (2019) Safeguard function of PU.1 shapes the inflammatory epigenome of neutrophils. *Nat Immunol* 20(5), 546-558.

Beyer R, Jandric Z, Zutz C, Gregori C, Willinger B, Jacobsen ID, Kovarik P, Strauss J, Schüller C (2018) Competition of *Candida glabrata* against *Lactobacillus* is Hog1 dependent. *Cell Microbiol* 20(12), e12943.

Eberl C, Speth C, Jacobsen ID, Hermann M, Hagleitner M, Deshmukh H, Ammann CG, Lass-Flörl C, Rambach G (2018) *Candida*: Platelet interaction and platelet activity *in vitro*. *J Innate Immun* 11(1), 52-62.

\*equal contribution #corresponding author