Dr. Christine Dunker

Alumni

Publications

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.

Details

PubMed

OPEN ACCESS

PAPER

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.

Details



Machata S, Sreekantapuram S, Hünniger 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.

Details



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.

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Miramón P, Dunker C, Kasper L, Jacobsen ID, Barz D, Kurzai O, Hube B (2014) A family of glutathione peroxidases contributes to oxidative stress resistance in *Candida albicans*. *Med Mycol* 52(3), 223-239.

Details

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Miramón P, Dunker C, Windecker H, Bohovych IM, Brown AJ, Kurzai O, Hube B (2012) Cellular responses of *Candida albicans* to phagocytosis and the extracellular activities of neutrophils are critical to counteract carbohydrate starvation, oxidative and nitrosative stress. *PLOS One* 7(12), e52850-e52850.

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Publication list as PDF