Dr. Duncan Wilson

Alumni

Publikationen

Mogavero S, Höfs S, Lauer AN, Müller R, Brunke S, Allert S, Gerwien F, Groth S, Dolk E, Wilson D, Gutsmann T, Hube B (2022) Candidalysin is the hemolytic factor of *Candida albicans*. *Toxins (Basel)* 14(12), 874.

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Correia I, Wilson D, Hube B, Pla J (2020) Characterization of a *Candida albicans* mutant defective in all MAPKs highlights the major role of hog1 in the MAPK signaling network. *J Fungi (Basel)* 6(4), E230.

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Costa ACBP, Back-Brito GN, Mayer FL, Hube B, Wilson D (2020) *Candida albicans* Mrv8, is involved in epithelial damage and biofilm formation. *FEMS Yeast Res* 20(5), foaa033.

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Crawford AC, Lehtovirta-Morley LE, Alamir O, Niemiec MJ, Alawfi B, Alsarraf M, Skrahina V, Costa ACBP, Anderson A, Yellagunda S, Ballou ER, Hube B, Urban CF, Wilson D (2018) Biphasic zinc compartmentalisation in a human fungal pathogen. *PLOS Pathog* 14(5), e1007013.

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Richardson JP, Mogavero S, Moyes DL, Blagojevic M, Krüger T, Verma AH, Coleman BM, De La Cruz Diaz J, Schulz D, Ponde NO, Carrano G, Kniemeyer O, Wilson D, Bader O, Enoiu SI, Ho J, Kichik N, Gaffen SL, Hube B, Naglik JR (2018) Processing of *Candida albicans* Ece1p is critical for Candidalysin maturation and fungal virulence. *mBio* 9(1), e02178-17.

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Malavia D, Lehtovirta-Morley LE, Alamir O, Weiß E, Gow NAR, Hube B, Wilson D (2017) Zinc limitation induces a hyper-adherent goliath phenotype in *Candida albicans*. *Front Microbiol* 8, 2238.

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Wilson D, Naglik JR, Hube B (2016) The missing link between *Candida albicans* hyphal morphogenesis and host cell damage. *PLOS Pathog* 12(10), e1005867. (Review)

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Kasper L, Miramón P, Jablonowski N, Wisgott S, Wilson D, Brunke S, Hube B (2015) Antifungal activity of clotrimazole against *Candida albicans* depends on carbon sources, growth phase, and morphology. *J Med Microbiol* 64, 714-723.

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Mech F, Wilson D, Lehnert T, Hube B, Figge MT (2014) Epithelial invasion outcompetes hypha development during *Candida albicans* infection as revealed by an image-based systems biology approach. *Cytometry A* 85(2), 126-139.

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Tyc KM, Kühn C, Wilson D, Klipp E (2014) Assessing the advantage of morphological changes in *Candida albicans*: a game theoretical study. *Front Microbiol* 5, 41.

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