

Sofía Siscar Lewin

Alumni

Publications

Siscar-Lewin S, Hube B, Brunke S (2022) Emergence and evolution of virulence in human pathogenic fungi. *Trends Microbiol* 30(7), 693-704. (Review)

[Details](#)



Pekmezovic M, Hovhannisyan H, Gresnigt MS, Iracane E, Oliveira-Pacheco J, Siscar-Lewin S, Seemann E, Qualmann B, Kalkreuter T, Müller S, Kamradt T, Mogavero S, Brunke S, Butler G, Gabaldón T, Hube B (2021) *Candida* pathogens induce protective mitochondria-associated type I interferon signalling and a damage-driven response in vaginal epithelial cells. *Nat Microbiol* 6(5), 643-657.

[Details](#)



Siscar-Lewin S, Gabaldón T, Aldejohann AM, Kurzai O, Hube B, Brunke S (2021) Transient mitochondria dysfunction confers fungal cross-resistance against phagocytic killing and fluconazole. *mBio* 12(3), e0112821.

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Van Ende M, Timmermans B, Vanreppelen G, Siscar-Lewin S, Fischer D, Wijnants S, Romero CL, Yazdani S, Rogiers O, Demuyser L, Van Zeebroeck G, Cen Y, Kuchler K, Brunke S, Van Dijck P (2021) The involvement of the *Candida glabrata* trehalase enzymes in stress resistance and gut colonization. *Virulence* 12(1), 329-345.

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Gimeno-Valiente F, Riffo-Campos ÁL, Vallet-Sánchez A, Siscar-Lewin S, Gambardella V, Tarazona N, Cervantes A, Franco L, Castillo J, López-Rodas G (2019) ZNF518B gene up-regulation promotes dissemination of tumour cells and is governed by epigenetic mechanisms in colorectal cancer. *Sci Rep* 9(1), 9339.

[Details](#)



Siscar-Lewin S, Hube B, Brunke S (2019) Antivirulence and avirulence genes in human pathogenic fungi. *Virulence* 10(1), 935-947. (Review)

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