Candida albicans scavenges host zinc via Pra1 during endothelial invasion.

Citiulo F, Jacobsen ID, Miramón P, Schild L, Brunke S, Zipfel PF, Brock M, Hube B, Wilson D (2012) *Candida albicans* scavenges host zinc via Pra1 during endothelial invasion. *PLOS Pathog* 8(6), e1002777.

Abstract

The ability of pathogenic microorganisms to assimilate essential nutrients from their hosts is critical for pathogenesis. Here we report endothelial zinc sequestration by the major human fungal pathogen, Candida albicans. We hypothesised that, analogous to siderophore-mediated iron acquisition, C. albicans utilises an extracellular zinc scavenger for acquiring this essential metal. We postulated that such a

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doi: 10.1371/journal.ppat.1002777

PMID: 22761575