

# ***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.

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## **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

## Beteiligte Forschungseinheiten

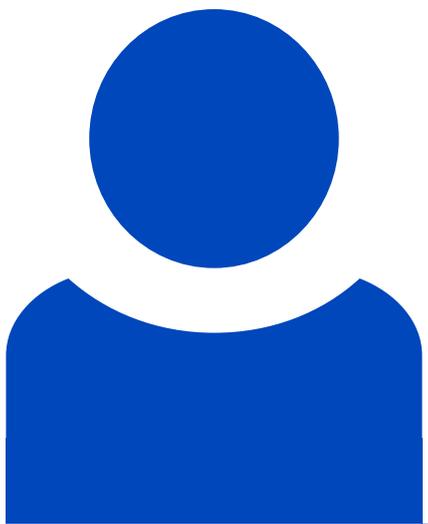
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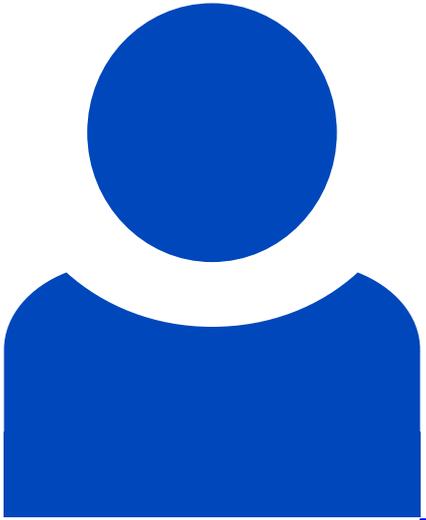
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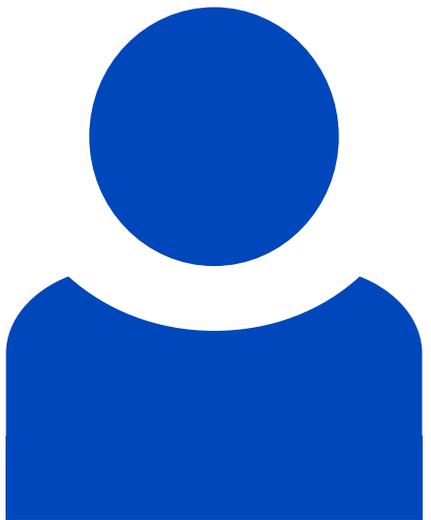
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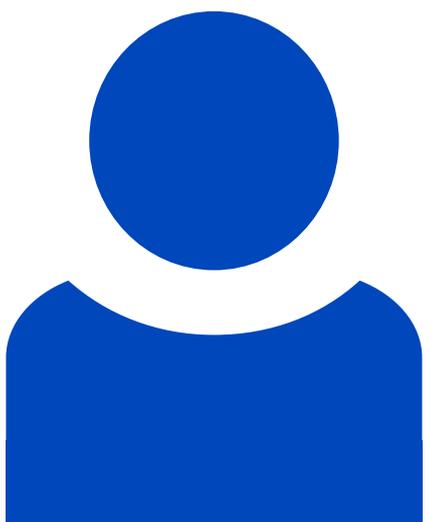
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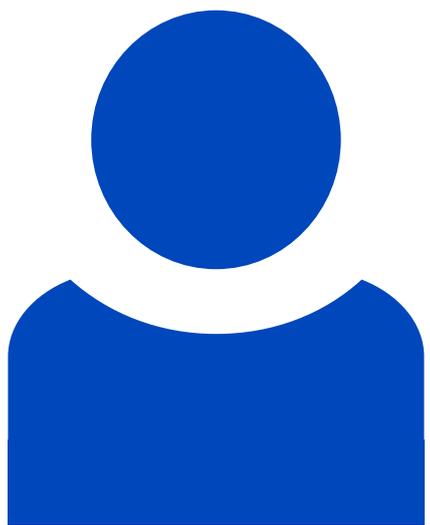
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## **Awards**

PLoS Pathogens featured article & recommended by Faculty of 1000: special significance (2x)

## Identifier

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