Candida albicans adhesion to and invasion and damage of vaginal epithelial cells: stage-specific inhibition by clotrimazole and bifonazole.

Wächtler B, Wilson D, Hube B (2011) *Candida albicans* adhesion to and invasion and damage of vaginal epithelial cells: stage-specific inhibition by clotrimazole and bifonazole. *Antimicrob Agents Chemother* 55(9), 4436-4439.

Details

PubMed

Abstract

Clotrimazole and bifonazole are highly effective antifungal agents against mucosal Candida albicans infections. Here we examined the effects of low levels of clotrimazole and bifonazole on the ability of C. albicans to adhere, invade, and damage vaginal epithelial cells. Although adhesion and invasion were not affected, damage was greatly reduced upon azole treatment. This clearly indicates that low levels of azoles influence specific activities of C. albicans during distinct stages of vaginal epithelium infections.

Involved units

Microbial Pathogenicity Mechanisms Bernhard Hube Read more

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Identifier

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