

## عنوان مقاله:

Antifungal effects of *Lactobacillus acidophilus* and *Lactobacillus plantarum* against *Candida albicans*

## محل انتشار:

بیستمین کنگره بین المللی میکروب شناسی ایران (سال: 1398)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

**Introduction and Objectives:** Probiotics are live microorganisms that, while consumed in sufficient quantities, can increase the microbial balance in the host's gut and be beneficial to human health. The major probiotics include *Lactobacillus* spp, *Bacillus* spp, *Bifidobacterium* spp, *Escherichia coli*, and *Saccharomyces cerevisiae*. The purpose of this study was to evaluate the antifungal properties of *L. acidophilus* and *L. plantarum* on *C. albicans* isolated from HIV/ AIDS patients. **Materials and Methods:** Antifungal properties of both cells and CSFs of *L. acidophilus* and *L. plantarum* against *C. albicans* investigated by Co-aggregation, agar overlay and interference and broth microdilution. **Results:** Our finding showed that both cells and CSFs of *L. acidophilus* and *L. plantarum* had antifungal effects against *C. albicans*. For *C. albicans*, the antifungal effects of *L. acidophilus* and *L. plantarum* was higher than FLC. **Conclusion:** The antifungal effects of *L. acidophilus* and *L. plantarum* was higher than FLC on *C. albicans*.

## کلمات کلیدی:

.antifungal effects, probiotic, lactobacilli, *L. acidophilus*, *L. plantarum*, *C. albicans*, AIDS/ HIV patients

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/987299>

