

## عنوان مقاله:

Antifungal effects of the extract of the *Withania somnifera* on *Candida albicans*

## محل انتشار:

دوفصلنامه طب گیاهی پیشرفته, دوره 3, شماره 1 (سال: 1396)

تعداد صفحات اصل مقاله: 7

## نویسندگان:

Fereshteh Javadian - *Zabol Medicinal Plant Research Center, Zabol University of Medical Sciences, Zabol, Iran*

Zahra Sepehri - *Zabol University of Medical Sciences, Zabol, I.R. Iran*

Saeideh Saeidi - *Infectious Diseases and Tropical Medicine Research Center, Zahedan University of Medical Sciences, Zahedan, Iran*

Mehdi Hassanshahian - *Department of Biology- Faculty of Scienc- Shahid Bahonar University of Kerman- Kerman- Iran*

## خلاصه مقاله:

Background and aims: *Withania somnifera* (*W. somnifera*), commonly known as Ashwagandha, is an important medicinal plant that has been used in Ayurvedic and indigenous medicine for over ۳,۰۰۰ years. Candidiasis is one of the most common opportunistic fungal diseases in humans. In fact, the most important fungal disease in women is vaginal candidiasis. This study aimed to investigate the antifungal effects of the extracts of the *W. somnifera* on *Candida albicans* (*C. albicans*). Methods: In this experimental research, ۹ vaginal samples were collected using the sterile swap and Falcon tube by the gynecological specialists. The extracts of the shallot and artichoke were prepared using a rotary device. The inhibitory concentration against *C. albicans* was determined using incubation in media. Results: The results of this study suggested that the minimum inhibitory concentration (MIC) against *C. albicans*, which is equivalent ۵۰ ppm to ۲۵۰ ppm has the highest concentration of inhibitor. Conclusion: The results of this study showed that the antifungal activity of wind cheese against *C. albicans* is good, so it can be used as a drug to treat .infections caused by *C. albicans*

## کلمات کلیدی:

Extract plant, *Withania somnifera*, *Candida albicans*, Antifungal effects

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1223994>

