

## عنوان مقاله:

A review study on the effect of Iranian herbal medicines against in vitro replication of herpes simplex virus

## محل انتشار:

مجله گیاهان دارویی ابن سینا، دوره 6، شماره 5 (سال: 1395)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

Mohammad-Taghi Moradi - *Students Research Committee, Shahrekord University of Medical Science, Shahrekord, Iran*

Mamoud Rafieian-Kopaei - *Medical Plants Research Center, Shahrekord University of Medical Science, Shahrekord, Iran*

Ali Karimi - *Medical Plants Research Center, Shahrekord University of Medical Science, Shahrekord, Iran*

## خلاصه مقاله:

Objective: There are a number of published data indicating in vitro anti-HSV activity of some of Iranian herbal extracts with no systematic review to discuss these results. Therefore, this article was aimed to review and discuss the methods carried out and the phytochemistry and bioactivity of the extracts used and also conclusions provided in these publications. Materials and Methods: Published articles both in English (from Medline, Science Direct, EMBASE, Scopus, Pro Quest, Google scholar, Cochrane Library) and in Persian (from SID, Iran Medex and Magiran) databases, from 1966 to October 2014 were incorporated in this review. The in vitro studies that lacked CC50, IC50, were excluded. Results: Only 42 published reports were found to examine Iranian herbs against HSV replication in vitro. Seventeen out of 42 studies in which 23 kinds of medicinal plants were subjected to crude extraction were included. The review of data showed that some of the herbal extracts including Hyssopus officinalis methanolic extract, Melissa officinalis aqueous extract, Quercus persica L. hydroalcoholic extract and Securigeras ecuridaca methanolic extract with selective index (SI) of 234, 877, > 778 and 250, respectively were highly effective against HSV in vitro. Conclusion: More comprehensive studies using more advanced methods are needed to be done to achieve promising anti-HSV agents from the bioactive compounds isolated from these herbs

## کلمات کلیدی:

Herpes Simplex Virus, Herbal Medicine, Iran, In-vitro

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/930393>

