

## عنوان مقاله:

Investigation of the effect of Lactobacillus acidophilus bacteria on growth trend of breast cancer tumors in mouse

## محل انتشار:

یازدهمین کنگره بین المللی سرطان پستان (سال: 1394)

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

Search method: For data collection, the key words breast cancer , lactobacillus acidophilus , tumor and their English equivalents in the databases PubMed, Sid, Google Scholar and MagIran between 2000 and 2014 were searched and 66 article as a whole were collected and then remove 24 irrelevant papers, the remaining articles were analyzed. Results: Results of comprehensive studies have shown that mice receiving the probiotic of Lactobacillus acidophilus with more amount of IL-12 & IF- $\gamma$  in their spleen cells cultures compared to the control group and the amount of TGF- $\beta$  ,as one of cytokines immunosuppressive is introduced, as well as IL - 4 related to Th2 cells, in mice receiving the probiotics was lower. Conclusions: Daily consumption of Lactobacillus acidophilus as one of the factors of stimulating and regulating of the immune system in production of immune cells and assisting for the treatment of patients with breast cancer can be beneficial.

## کلمات کلیدی:

Lactobacillus acidophilus, Breast cancer, Immune system

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/726882>

