

## عنوان مقاله:

The Effects of Royal Jelly on In-Vitro Cytotoxicity of Cervical cancer and Peripheral Blood Mononuclear Cells

## محل انتشار:

سومین کنگره بین المللی پزشکی شخصی ایران (سال: 1397)

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## خلاصه مقاله:

**Introduction:** Today, natural products play an important role in treatment disease. Royal jelly, that secreted by worker bees is one of the products that it has different biological activities on cells and tissues. The present study investigation the anti-cancer effects of Royal jelly on cervical cancer (TC1 cells). **Methods:** The aim of present study investigation the effect of Royal Jelly on cervical cancer, TC1 cells were cultured in the presence of different concentrations of the its (5, 10, 25, 50 and 100 mg/ml). The fatality rate on PBMC cells and TC1 cells was evaluated by using MTT. The number of viable cells in PBMC that were exposed for 48 hours with Royal Jelly was evaluated by trypan blue staining. P-values of less than 0.05 were considered statistically significant. **Results:** Our results revealed that the royal jelly had no cytotoxicity effect on PBMC cells but at concentration of 50 and 100 mg/mL the cytotoxicity effect were observed on TC1 cells. **Conclusion:** In order to present study results can be conceded that royal jelly had potential .candidate for treatment of cervical cancer

## کلمات کلیدی:

Cervical cancer, royal jelly, cytotoxicity

## لینک ثابت مقاله در پایگاه سیویلیکا:

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