

عنوان مقاله:

In Vitro evaluation of Valproic acid treatment on HepG₂ by assessing the expression of miR-122 and miR-155

محل انتشار:

هفتمین کنفرانس بین المللی پژوهش های کاربردی در علوم و مهندسی (سال: 1402)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

Drug-induced liver injury (DILI) caused by VPA which is used for treating neurological and psychiatric disorders has been vastly investigated. microRNAs (miRNAs) expressions have also been studied in the liver damage caused by drugs. The aim of the current study was to examine the effect of VPA treatment on miR-122 and miR-155 expressions in different concentrations and time points in HepG₂ cell lines. The qRT-PCR results revealed that the transcription levels of two miRNAs significantly increased after VPA treatment for 24 h. However, during the extended exposure of VPA for 120 h the expression levels of examined miRNAs were down-regulated

کلمات کلیدی:

Drug-induced liver injury, Valproic acid, miR-122, miR-155

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