

## عنوان مقاله:

The inhibitory effect of lentiviral-Let7b on HCV RNA replication

## محل انتشار:

سیزدهمین کنگره بین المللی میکروب شناسی بالینی استاد البرزی (سال: 1398)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Background: Treatment and prevention of hepatitis C virus (HCV) infections remain a major challenge for controlling this worldwide health problem controlling this worldwide health problem. Methodes and Matherials: In this study, we investigated the role of let-7b that were overexpressed by lentiviral vector against highly conserved HCV-1 sequences. Since the main target of this microRNA is the NS3 gene, it was amplified, cloned into pTZ57R/T cloning vector and then subcloned into pSICheck-2, respectively. In order to doing Luciferase assay test, lentiviral vector-let-7b and moc were transduced into Huh-7.5 as a hepatocyte origine cells and then schicheck-2 constructs were transformed into them. Results: Follwing performance of a luciferase assay, the specific binding of this microRNA to the viral genome was confirmed. Conclusions: This data suggest that let-7b can downregulate of HCV proliferation in Huh-7.5 cell lines.

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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