

## Google 学术: MicroRNA-mediated interactions between host and hepatitis C virus

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... the replication of hepatitis C virus in nonhepatic cells - Chang - 被引用次数: 177

## Hepatitis C virus infection, microRNA and liver disease ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▾ 翻译此页

作者: S Shrivastava - 2013 - 被引用次数: 26 - 相关文章

2013年9月27日 - Keywords: Hepatitis C virus, MicroRNA, Liver disease, Interferon ...

This review focuses on the involvement of miRNA in HCV life cycle and virus mediated liver ... interactions between the 5' end ("seed" region) of miRNA and sites within ... as key players in virus-host interactions, regulating virus replication ...

## MicroRNAs: Role in hepatitis C virus pathogenesis

[www.sciencedirect.com/science/article/.../S2352304215000069](http://www.sciencedirect.com/science/article/.../S2352304215000069) ▾ 翻译此页

作者: S Shrivastava - 2015 - 被引用次数: 1 - 相关文章

Hepatitis C virus (HCV) is a global health burden with an estimated 170–200 ... miRNA is emerging as a means of communication between various cell types ... of miRNAs in HCV life cycle and their coordinated regulation in HCV mediated liver ... These viral proteins both singly or in coordinated manner interact with host ...

## Exploring the role of human miRNAs in virus–host ...

[bioinformatics.oxfordjournals.org/.../bioinformatics.btt391.full](http://bioinformatics.oxfordjournals.org/.../bioinformatics.btt391.full) ▾ 翻译此页

作者: Z Li - 2013 - 被引用次数: 1 - 相关文章

2013年8月7日 - (c) A viral protein targeting a host protein is a TF of a human miRNA. ... A virus–human protein interaction dataset that included 150 viruses and 3300 ... To explore the direct relationship between viral proteins and human miRNAs, ... Hepatitis



21451-Review

BY HU LI

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**Name of journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 21451

**Manuscript Type:** REVIEW

**MicroRNA-mediated interactions between host and hepatitis C virus**

Hu Li, Jian-Dong Jiang, Zong-Gen Peng

### Abstract

MicroRNAs (miRNAs) are small noncoding RNAs. More than 2500 mature miRNAs are detected in plants, animals and several types of viruses. Hepatitis C virus (HCV),

### Match Overview

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Li, Jiang, Jianqin Lu, Yifei Zhang, Mohammed Ghazwani, Peng Zhang, Xiang Gao, and Song Li. "RNAi in Liver Disease ..."

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MicroRNA-mediated interactions between host and hepatitis C virus



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[\[HTML\] Position-dependent function for a tandem microRNA miR-122-binding site located in the hepatitis C virus RNA genome](#)sciencedirect.com 中的 [\[HTML\]](#)

CL Jopling, S Schütz, P Sarnow - Cell host &amp; microbe, 2008 - Elsevier

... Furthermore, there are examples of **microRNA-mediated** mRNA degradation, possibly occurring as a ... While genetic evidence suggested that **miR-122** needs to **interact** with both ... **miR-122** RISCs are anchored—predominantly by seed-seed-match **interactions**—simultaneously on ...

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[Small molecule modifiers of microRNA miR-122 function for the treatment of hepatitis C virus infection and hepatocellular carcinoma](#)newsnth.net 中的 [\[PDF\]](#)

DD Young, CM Connelly, C Grohmann... - Journal of the American ..., 2010 - ACS Publications

... which demonstrated that the small molecule modifiers do not seem to directly **interact** with the ... to reside close to the 5' end of the **viral** genome, revealing a genetic **interaction between** **miR-122** ... Since the compounds 1 and 2 target a critical **host** component at the miRNA-mRNA ...

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[Liver-specific microRNA miR-122 enhances the replication of hepatitis C virus in nonhepatic cells](#)asm.org 中的 [\[HTML\]](#)

J Chang, JT Guo, D Jiang, H Guo, JM Taylor... - Journal of ..., 2008 - Am Soc Microbiol

... Alternatively, **miR-122** may alter the expression of **host** cellular genes that control the cell ... Further investigation of the molecular mechanism of unique **interaction between** **miR-122** and **viral** ... Relief of **microRNA-mediated** translational repression in human cells subjected to stress. ...

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[\[HTML\] Host-virus interaction: a new role for microRNAs](#)biomedcentral.com 中的 [\[HTML\]](#)

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### MicroRNAs: Role in hepatitis C virus pathogenesis

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Hepatitis C virus (HCV) is a global health burden with an estimated 170–200 million ...  
miRNA is emerging as a means of communication between various cell .... Virus-host interactions also involve several regulatory steps to control gene ..... Chronic HCV infection induced liver fibrosis is mediated by upregulation of TGF-β.

### Hepatitis C virus infection, microRNA and liver disease ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)作者 : S Shrivastava - 2013 - 被引用次数 : 28 - [相关文章](#)

2013年9月27日 - Keywords: Hepatitis C virus, MicroRNA, Liver disease, Interferon signaling, Circulatory microRNA ... interactions between the 5' end ("seed" region) of miRNA and sites within ... as key players in virus-host interactions, regulating virus replication .... Chronic HCV infection induced liver fibrosis is mediated by ...

### Viruses, microRNAs, and Host Interactions

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)作者 : RL Skalsky - 2010 - 被引用次数 : 263 - [相关文章](#)