

<sup>8</sup>  
Name of journal: World Journal of Virology

ESPS Manuscript NO: 18645

Manuscript Type: Editorial

<sup>40</sup>  
Is the use of IL28B genotype justified in the era of interferon-free treatments for hepatitis C?

Tatsuo Kanda, Shingo Nakamoto, Osamu Yokosuka

### Abstract

In 2009, several groups reported that interleukin-28B (IL28B) genotypes are <sup>21</sup>associated with the response to peginterferon plus ribavirin therapy for chronic hepatitis C virus (HCV) infection in a genome-wide association study, although the mechanism of this association is not yet well understood. However, in recent years, <sup>30</sup>tremendous progress

### Match Overview

1	<b>Internet</b> 74 words crawled on 02-Jun-2014 <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a>	1%
2	<b>Internet</b> 51 words crawled on 17-Jan-2015 <a href="http://www.hepatitiscenters.com">www.hepatitiscenters.com</a>	1%
3	<b>Publications</b> 39 words Miyamura, Tatsuo; Kanda, Tatsuo; Nakamoto, Shingo; Wu, Shuang; Jiang, Xia; Arai, Makoto; Fujiwara, Keiichi; Imazeki	1%
4	<b>CrossCheck</b> 36 words Miyamura, Tatsuo, Tatsuo Kanda, Shingo Nakamoto, Shuang Wu, Keiichi Fujiwara, Fumio Imazeki, and Osamu Yokosuka	1%
5	<b>Internet</b> 27 words crawled on 26-Jul-2014 <a href="http://www.plosone.org">www.plosone.org</a>	<1%
6	<b>CrossCheck</b> 24 words Gane, Edward J., Catherine A. Stedman, Robert H. Hyland, Xiao Ding, Evgenia Svarovskaia, William T. Symonds, Ro	<1%



IL28B SNP distribution in Japanese HCV-infected patients; How should I



网页

新闻

图片

视频

更多

搜索工具

找到约 366,000 条结果 (用时 1.08 秒)

## Google 学术: IL28B SNP distribution in Japanese HCV-infected patients; How should these patients be treated?

Genome-wide association of IL28B with response to ... - Tanaka - 被引用次数: 1771

... IL28B polymorphisms in HCV - infected patients ... - Coto - Llerena - 被引用次数: 81

IL28B genomic-based treatment paradigms for patients ... - Clark - 被引用次数: 101

## Hepatic STAT1-Nuclear Translocation and Interleukin 28B ...

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

作者: T Miyamura - 2011 - 被引用次数: 20 - 相关文章

2011年12月12日 - Chronic HCV infection can cause chronic liver disease, cirrhosis and hepatocellular ... One of these SNPs, rs8099917, is reportedly highly predictive of a favorable treatment response among patients infected with Japanese HCV genotype 1. .... IL28B rs8099917 in Japanese patients infected with HCV.

## IFNL3 interferon, lambda 3 [ (human)]

[www.ncbi.nlm.nih.gov/gene/282617](http://www.ncbi.nlm.nih.gov/gene/282617) - 翻译此页

6 天前 - Among Puerto Rican hepatitis C patients, the SNP frequencies of IFNL3 locus ... IL28B rs1297860 allelic distribution than those with chronic HCV; The IL28B ... SNPs in IFNL3 and IFNL4 can be used to predict HCV treatment outcome ... in patients infected with HCV genotype 3 and CC genotype of IL28b is ...

## IL28B single nucleotide polymorphisms in the treatment of ...

[www.sciencedirect.com/science/article/.../S0168827811002698](http://www.sciencedirect.com/science/article/.../S0168827811002698) - 翻译此页

作者: CM Lange - 2011 - 被引用次数: 91 - 相关文章

In the treatment of HCV genotype 2 and 3 infected patients, IL28B variations play only a minor role. .... different receptors, which also differ significantly in their tissue distribution. .... In each of these GWAS, only SNPs around the IL28B gene reached ... All identified IL28B SNPs correlate with each other and can, therefore, ...

## Value of IL28B genotyping in patients with HCV-related ...

[www.pubfacts.com/.../Value-of-IL28B-genotyping-in-patients-...](http://www.pubfacts.com/.../Value-of-IL28B-genotyping-in-patients-...) - 翻译此页

Similar IL28B SNPs allele frequencies were recorded for patients and controls. The





Is the use of IL28B genotype justified in the era of interferon-free treatm



网页

新闻

图片

购物

视频

更多 ▾

搜索工具

找到约 54,600 条结果 (用时 0.65 秒)

## 2014 - Treatment of hepatitis C in the near future - Hepatitis ...

[hepatitisnewdrugresearch.com/2014---treatment-of-hepatitis-c...](http://hepatitisnewdrugresearch.com/2014---treatment-of-hepatitis-c...) ▾ 翻译此页

Interferon use will largely disappear, and Ribavirin will be reserved primarily for ... an all-oral, interferon- and ribavirin-free treatment option for genotype 1 chronic hepatitis C ... HCV Treatment 2014 and Beyond - New Era of Hepatitis C Management ... New all-oral HCV therapies for genotype 1: A final good-bye to interferon

## Interferon-free combinations - Hepatitis C New Drug ...

[hepatitisnewdrugresearch.com/interferon-free-combinations.ht...](http://hepatitisnewdrugresearch.com/interferon-free-combinations.ht...) ▾ 翻译此页

Therapy of Hepatitis C: Clinical Application and Drug Development is now available ... Is Interferon-Free Treatment for Hepatitis C Just a Dream? .... Secondly, an impact of the host IL28B genotype upon treatment response was observed ..... in vivo and suggesting, given a suitable period of time off therapy, this mutant would ...

缺少字词: justified

## IL28B Genotyping in the Era of DAA Therapy for Chronic HCV

[www.medscape.com/viewarticle/771436\\_7](http://www.medscape.com/viewarticle/771436_7) ▾ 翻译此页

Interferon-free therapy for HCV-1 is likely to be approved in the next 3–5 years. Recent data suggest that the good response IL28B genotype may represent an ...

缺少字词: justified

[网页](#)[新闻](#)[图片](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 15,500 条结果 (用时 0.86 秒)

### Interferon-based combination treatment for chronic hepatitis ...

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

作者: A Alexopoulou - 2015 - 被引用次数: 3 - 相关文章

Interferon-based combination treatment for chronic hepatitis C in the era of direct-acting antivirals in the USA and Europe in 2011 for clinical use in patients with genotype 1, .... Patients with the unfavorable IL28B genotypes CT or TT, achieved high rates of .... Interestingly, the SVR rate was similar to the IFN-free regimen of sofosbuvir ....

### [PDF] EASL Recommendations on Treatment of Hepatitis C 20...

[ilc-congress.eu/.../EASL%20Recommendations%20on%20Trea...](http://ilc-congress.eu/.../EASL%20Recommendations%20on%20Trea...) ▾ [翻译此页](#)

of boceprevir and telaprevir in HCV genotype 1 treatment-naïve patients .... diagnosis of chronic hepatitis C can be made after that time period. Recommendations .... IL28B genotyping has lost predictive value with the new highly effective use of IFN-o but can be safely treated with IFN-free regimens. .... Treatment is justified.

### 2014 - Treatment of hepatitis C in the near future - Hepatitis ...

[hepatitisnewdrugresearch.com/2014—treatment-of-hepatitis-c...](http://hepatitisnewdrugresearch.com/2014—treatment-of-hepatitis-c...) ▾ [翻译此页](#)

Interferon use will largely disappear, and Ribavirin will be reserved primarily for difficult-to-treat cases. All-oral, interferon- and ribavirin-free treatment option for genotype 1 chronic hepatitis C ... New HCV era is 'exciting', but there is still 'work to do', expert says .... New all-oral HCV therapies for genotype 1: A final good-bye to interferon

### IL28B Genotyping in the Era of DAA Therapy for Chronic HCV

[www.medscape.com/viewarticle/771436\\_7](http://www.medscape.com/viewarticle/771436_7) ▾ [翻译此页](#)

Does IL28B Genotyping Still Have a Role in the Era of Direct-acting Antiviral ... Interferon-free therapy for HCV-1 is likely to be approved in the next 3–5 years.

缺少字词: justified