

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 38942

**Manuscript Type:** MINIREVIEWS

**Hepatitis B virus-persistent infection and innate immunity defect:  
Cell-related or virus-related?**

Jian Tang, Zhen-Yu Wu, Rong-Juan Dai, Jing Ma, Guo-Zhong Gong

### Abstract

The outcomes of hepatitis B virus (HBV) infection are closely related to the age at which infection was acquired. Infection acquired in adult life tends to be self-limited, in contrast to perinatal acquirement, for which chronic

### Match Overview

1	Internet 17 words crawled on 12-Mar-2016 <a href="http://www.mdpi.com">www.mdpi.com</a>	1%
2	Internet 17 words crawled on 26-Nov-2017 <a href="http://www.jove.com">www.jove.com</a>	1%
3	Internet 17 words crawled on 27-Oct-2017 <a href="http://repub.eur.nl">repub.eur.nl</a>	1%
4	Crossref 15 words <a href="#">Xiang, Kuan-hui, Eleftherios Michailidis, Hai Ding, Ya-qin Peng, Ming-ze Su, Yao Li, Xue-en Liu, Viet Loan</a>	<1%
5	Crossref 14 words <a href="#">Ebrahim, Maryam, Vahid Mirzaei, Reza Bidaki, Ziba Shahani, Hamid Daneshvar, Masoud Karimi-Gooher</a>	<1%
6	Internet 13 words crawled on 01-Jun-2010 <a href="http://www.patents.com">www.patents.com</a>	<1%
7	Crossref 13 words <a href="#">Huang, Zuxiong, Jun Ge, Jinke Pang, Hongyan Liu, Jijun Chen, Baolin Liao, Xuan Huang, Daming Zuo, Ji</a>	<1%
8	Internet 10 words crawled on 23-Mar-2014 <a href="http://trinity.engr.uconn.edu">trinity.engr.uconn.edu</a>	<1%



HBV persistent infection and innate immunity defect: Cell-related or virus



全部

新闻

图片

视频

购物

更多

设置

工具

找到约 330,000 条结果 (用时 0.53 秒)

### Innate immune responses in hepatitis B virus (HBV) infection

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3922976/> - 翻译此页

作者: A Busca - 2014 - 被引用次数: 42 - 相关文章

2014年2月7日 - **Hepatitis B virus (HBV) infection** has a low rate of chronicity compared to HCV **infection**, but **chronic** liver inflammation can evolve to life threatening complications. Experimental data from **HBV infected** chimpanzees and **HBV** transgenic mice have indicated that cytotoxic **T cells** are the main **cell** type ...

### Innate Antiviral Immune Responses to Hepatitis B Virus - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3185716/> - 翻译此页

作者: M Ait-goughoulte - 2010 - 被引用次数: 52 - 相关文章

2010年7月5日 - **Hepatitis B virus (HBV)** is a major cause of acute and **chronic** hepatitis in humans. As **HBV** itself is currently viewed as a non-cytopathic **virus**, the liver pathology **associated** with **hepatitis B** is mainly thought to be due to **immune** responses directed against **HBV** antigens. The outcome of **HBV infection** is the ...

### Immune Response in Hepatitis B Virus Infection - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4526720/> - 翻译此页

作者: A Tan - 2015 - 被引用次数: 11 - 相关文章

跳到IMMUNOLOGICAL-BASED TREATMENTS OF **CHRONIC HBV** ... - The limited activation of the **innate immune** system during primary and **chronic HBV infections** has stimulated ... Because antigen **persistence** in the liver seems to be a major factor driving the **HBV**-specific CD4 and CD8 **T-cell defects**, the ...

### Immunobiology of hepatitis B virus infection - Wiley Online Library

[onlinelibrary.wiley.com/doi/10.1111/hepr.12439/pdf](https://onlinelibrary.wiley.com/doi/10.1111/hepr.12439/pdf) - 翻译此页

**infection** because it does not induce any **cellular** gene expression, including ISG, as it spreads through the liver.<sup>5</sup> This contrasts strikingly with the induction of many ISG during the spread of hepatitis C **virus** that is highly visible to the **innate immune** system.<sup>19</sup> The **relative** invisibility of **HBV** to the innate sensing machinery of ...



找到约 460,000 条结果 (用时 0.70 秒)

### Immune Response in Hepatitis B Virus Infection - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4526720/> - 翻译此页

作者: A Tan - 2015 - 被引用次数: 15 - 相关文章

The activation of **innate immunity** is also necessary for the efficient ... hepatitis C **virus** [HCV], human cytomegalovirus), **HBV persistence** is often **associated** with ..... gene **related** to NK **cell** activation immediately after **infection** (8–12 h) (Guy et al. .... **Hepatitis B virus-induced defect** of monocyte-derived dendritic **cells** leads to ...

### Innate immune responses in hepatitis B virus (HBV) infection

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3922976/> - 翻译此页

作者: A Busca - 2014 - 被引用次数: 52 - 相关文章

2014年2月7日 - **Hepatitis B virus (HBV) infection** has a low rate of chronicity ... of **innate immunity** in **HBV infection** and of the challenges **associated** with .... in the peripheral blood of patients with **HBV related** liver failure [37], ... a more pronounced functional **defect** in **chronic HBV infection** than in the other two groups [50].

### Immune system and hepatitis B virus infection - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S1386653205800095> - 翻译此页

作者: CK Hui - 2005 - 被引用次数: 65 - 相关文章

This is because recovery from of acute **HBV infection** is **associated** with a ... develop **chronic infection** tend to have a weak **virus** specific T **cell** response. Therapeutic strategies aimed at correcting this **defective** T **cell** reactivity ... Biron C.Initial and **innate** responses to **viral infection** — pattern setting in **immunity** or disease.

### Natural killer cells in hepatitis B virus infection - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S1386653205800095> - 翻译此页

找到约 475,000 条结果 (用时 0.59 秒)

### Immune Response in Hepatitis B Virus Infection - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4526720/> - 翻译此页

作者: A Tan - 2015 - 被引用次数: 15 - 相关文章

INNATE IMMUNITY DURING HBV INFECTION: RECOGNITION DEFECT OR ACTIVE INHIBITION? .... related to NK cell activation immediately after infection (8–12 h) (Guy et al. ... NK cells also play a role in chronic HBV infection (Dunn et al.

### The Role of Immune Cells in Chronic HBV Infection - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4721896/> - 翻译此页

作者: HJ Li - 2015 - 被引用次数: 12 - 相关文章

2015年12月15日 - Hepatitis B virus (HBV) infection is a major cause of chronic liver .... to defective CD8<sup>+</sup> T cell function.<sup>35</sup> The increase in regulatory T cell (Treg) ... of CD4<sup>+</sup>CD25<sup>+</sup> Tregs in various immune-related diseases and have ... NK cells represent the main effector cell population involved in innate immune responses ...

### Hepatitis B Virus Does Not Interfere With Innate Immune Responses in ...

[https://www.gastrojournal.org/article/S0016-5085\(18\)30078-7/fulltext](https://www.gastrojournal.org/article/S0016-5085(18)30078-7/fulltext) - 翻译此页

作者: A Suslov - 2018 - 被引用次数: 2 - 相关文章

2018年2月2日 - Infection of chimpanzees with hepatitis C virus, but not hepatitis B virus ... that chronic HBV infection did not activate an innate immune response. ... Most viruses activate the innate immune system in the cells they infect, ... It is estimated that HBV infections cause up to approximately 800,000 liver-related ...

### Hepatitis B Virus Does Not Interfere With Innate Immune Responses in ...

[https://www.gastrojournal.org/article/S0016-5085\(18\)30078-7/pdf](https://www.gastrojournal.org/article/S0016-5085(18)30078-7/pdf) - 翻译此页

作者: A Suslov - 2018 - 被引用次数: 2 - 相关文章