

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

**Manuscript NO:** 66883

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Cohort Study*

**Hepatitis B virus persistent infection-related single nucleotide polymorphisms in HLA regions are associated with viral load in hepatoma families**

Hsieh A-R *et al.* HBV viral load in HCC relatives

## Abstract

### BACKGROUND

Genome-wide association studies from Asia indicate that HLA-DP and HLA-DQ loci are important in persistent HBV infections. One of the key elements for HBV-related carcinogenesis is persistent viral replication and inflammation.

AIM

## Match Overview

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## Host Genetic Determinants of Hepatitis B Virus Infection

<https://www.frontiersin.org/articles/10.3389/fgene.2019.00696> ▾

Recently, a great number of genetic studies based on **single nucleotide polymorphisms** (SNPs) and genome-wide association studies have been performed to search for host determinants of the development of chronic **HBV infection**, clinical outcomes, therapeutic efficacy, and responses to **hepatitis B** vaccines, with a focus on **human leukocyte antigens** (HLA), cytokine genes, and toll-like ...

**Cited by:** 15

**Author:** Zhenhua Zhang, Changtai Wang, Zhongpin...

**Publish Year:** 2019

## No Correlation Between Interleukin-10 Gene Promoter ...

<https://www.ncbi.nlm.nih.gov/pmc/PMC3734898>

**Single nucleotide polymorphisms** (SNP) in the promoter region of the interleukin (IL)-10 genes have a role in determining **hepatitis B virus** (HBV) outcome. This study evaluates the correlation between HBV **infection** and SNP in IL-10 gene promoter. Ninety-six ...

## Viral Hepatitis B - Abstract - Europe PMC

<https://europepmc.org/article/PMC/PMC7122759> ▾

Jul 10, 2019 · Those subjects who demonstrate direct and strong immune responses may die of cytokine storm in fulminant hepatitis, SARS, influenza, or other infections. Therefore, the **persistent HBV infection-related single nucleotide polymorphisms** (SNPs) on **HLA-DP and -DQ loci** could be an adaptive evolutionary response to the local environment.

**Author:** Dar-In Tai

**Publish Year:** 2020