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Case Control Study

The associations of content and gene polymorphism of macrophage inhibitory factor-1 and chronic hepatitis C virus infection

Yang XJ *et al.* Chronic hepatitis C virus infection

Xun-Jun Yang, Xiao-Ou Wang, Yao Chen, Song-Dao Ye

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Correlation between MIC-1 Gene Polymorphism and Chronic Hepa



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Relationship between the rs2596542 polymorphism in the ...

<https://pubmed.ncbi.nlm.nih.gov/31419949>

Background & aims: Various studies have investigated the relationship **between the polymorphism**, rs2596542, in the promoter of the major histocompatibility complex class I-related **gene A (MICA) gene** with susceptibility to **hepatitis B virus (HBV)/ hepatitis C virus (HCV)**-induced hepatocellular carcinoma (HCC); however, the results are inconclusive. This meta-analysis was conducted to investigate the relationship between rs2596542 and **HCV**...

Role of genetic polymorphisms in hepatitis C virus chronic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4568530>

Sep 16, 2015 · Marabita F, Aghemo A, De Nicola S, Rumi **MG**, **Cheroni C**, Scavelli R, Crimi M, Soffredini R, Abrignani S, De Francesco R, et al. **Genetic variation** in the interleukin-28B **gene** is not associated with fibrosis progression in patients with **chronic hepatitis C** ...

Cited by: 9

Author: Nicola Coppola, Mariantonietta Pisaturo...

Publish Year: 2015

Relationship between cytokine gene polymorphisms and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4033460>

May 28, 2014 · However, studies from Korea and Israel showed that there is no **relation between IL-6 gene polymorphism and chronic HBV infection**[24,25]. Similarly, studies from other populations indicate no significant effect of **IL-6 polymorphism** at -174G/C on **chronic HBV infection**.

Cited by: 27

Author: Semra Tunçbilek

Publish Year: 2014

Relationship between IL-10 gene -1082A/G and -592C/A ...

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jvh.12082>

Summary Increasing evidence suggests that interleukin-10 (IL-10) **gene promoter polymorphisms** may be associated with **chronic hepatitis C virus (HCV) infection** and **HCV clearance**. To more precisely es...



The associations of content and gene polymorphism of macrophag



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Polymorphism in Macrophage Migration Inhibitory Factor ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6966214>

Autoimmune **hepatitis** (AIH) is a **chronic** disease that may lead to cirrhosis. The immunopathogenesis of AIH is not fully understood and it mainly involves T-cell mediated mechanism. **Macrophage** migration **inhibitory** factor (MIF) is a pro-inflammatory cytokine ...

Author: Mona Abdel Latif Alsayed, Shymaa Mo... **Publish Year:** 2020

Genetic Variants in the Promoter Region of the Macrophage ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6696142>

1. Introduction. **Hepatitis C virus** (HCV) **infection** is one of the most common causes of acute and **chronic** liver disease across the world. In approximately 75%–85% of patients with acute HCV **infection**, the **virus** persists and **chronic hepatitis** develops, which is characterized by a persistent intrahepatic inflammation contributing to liver fibrosis and liver damage [].

Author: Theresa Hildegard Wirtz, Petra Fischer, ... **Publish Year:** 2019

Association of macrophage migration inhibitory factor gene ...

europepmc.org/articles/PMC5713063

Donn R, Alourfi Z, De Benedetti F, Meazza C, Zeggini E, Lunt M, et al. Mutation screening of the **macrophage** migration **inhibitory** factor **gene**: Positive **association** of a functional **polymorphism** of **macrophage** migration **inhibitory** factor with juvenile idiopathic arthritis. Arthritis Rheum. 2002; 46:2402–9. [Google Scholar]

(PDF) Polymorphism in Macrophage Migration Inhibitory ...

<https://www.researchgate.net/publication/338597625...>

A variety of epidemiologic studies have focused on **the association** between **macrophage** migration



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Genetic Variants in the Promoter Region of the Macrophage ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6696142>

1. Introduction. **Hepatitis C virus (HCV) infection** is one of the most common causes of acute and **chronic** liver disease across the world. In approximately 75%–85% of patients with acute HCV **infection**, the **virus** persists and **chronic hepatitis** develops, which is characterized by a persistent intrahepatic inflammation contributing to liver fibrosis and liver damage [].

Author: Theresa Hildegard Wirtz, Petra Fische... **Publish Year:** 2019

4282 - Gene ResultMIF macrophage migration inhibitory ...

<https://www.ncbi.nlm.nih.gov/gene/4282>

Results suggest that **macrophage** migration **inhibitory** factor (MIF)-173 **C/C polymorphism** might be associated with increased risk of Cchronic **hepatitis B** (CHB) or HBV-induced liver cirrhosis (HC) in Chinese southern population. MIF **gene** -173 **G/C polymorphism** is not associated with Henoch-Schonlein purpura in the present Turkish population.

Impact of host gene polymorphisms on susceptibility to ...

<https://www.sciencedirect.com/science/article/pii/S1567134816302672>

Oct 01, 2016 · Studies have been shown that some **polymorphisms** near the IL-28B **gene** can improve the clinical situations of **chronic hepatitis C** infected patients who treated with interferon and ribavirin (Ge et al., 2009). It seems that IL-28B protein is part of the host immune responses to protect against **hepatitis C infection**.

Cited by: 17 **Author:** Bitra Moudi, Zahra Heidari, Hamidreza Ma...

Publish Year: 2016

Macrophage migration inhibitory factor promoter ...

<https://www.onlinelibrary.wiley.com/doi/abs/10.1002/art.22179>

Oct 30, 2006 · Bitra Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, **Gene polymorphisms of macrophage** migration **inhibitory** factor affect susceptibility to **chronic hepatitis B virus infection** in an Iranian cohort, Microbiology and Immunology, 10.1111/1348-0421.12382, 60, 6, (390-396), (2016).

Cited by: 133 **Author:** Sou Pan Wu, Lin Leng, Zeny Feng, Nianj...

Publish Year: 2006