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Jan 28, 2010 · Apolipoprotein E-epsilon 4 protects against severe liver disease caused by hepatitis C virus. Hepatology. 2002; 36 (2):456–463. doi: 10.1053/jhep.2002.34745. Chang KS, Jiang J, Cai Z, Luo G. Human apolipoprotein e is required for infectivity and production of hepatitis C virus in cell culture. J ...

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Author: Inga Kuhlmann, Anne Marie Minihane, Pa...

Publish Year: 2010

[\(PDF\) Apolipoprotein-E Gene Polymorphism and Possible ...](https://www.researchgate.net/publication/321781847...)<https://www.researchgate.net/publication/321781847...>

Apolipoprotein-E Gene Polymorphism and Possible role of ApoE ε4 Allele with a Lower Probability of Progression to HCV-Related Liver Cirrhosis in Egyptian Patients.... influence disease outcome.

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In this review, we summarise up-to-date studies addressing how apoE polymorphisms influence liver cirrhosis and liver transplantation outcomes and potential protective mechanisms.

[Apolipoprotein E genotype and hepatitis C, HIV and herpes ...](https://lipidworld.biomedcentral.com/articles/10.1186/1476-511X-9-8)<https://lipidworld.biomedcentral.com/articles/10.1186/1476-511X-9-8> ▾

Jan 28, 2010 · Apolipoprotein E is a polymorphic and multifunctional protein with numerous roles in lipoprotein metabolism. The three common isoforms apoE2, apoE3 and apoE4 show isoform-specific

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**348 - Gene Result** **APOE apolipoprotein E [ (human)]**<https://www.ncbi.nlm.nih.gov/gene/348>

Feb 06, 2021 The protein encoded by this gene is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related **apolipoprotein C1** and **C2** genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III ...

**(PDF) Carriage of the Apolipoprotein E-ε4 Allele and ...**<https://www.researchgate.net/publication/8352965...>

Carriage of the ε4 allele variant of the **apolipoprotein E** (ApoE) gene might affect the **outcome** of **hepatitis C virus (HCV)** infection. The **liver transplantation** setting offers the opportunity ...

**A 7-gene signature of the recipient predicts the ...**<https://aasidpubs.onlinelibrary.wiley.com/doi/full/10.1002/lt.22475>

End-stage liver disease due to chronic **hepatitis C virus (HCV)** represents one of the main indications for **orthotopic liver transplantation (LT)** in the United States and Europe. 1 Although short-term mortality has been strongly reduced within the last decades, the reinfection of the graft with HCV and the development of *de novo* **hepatitis** are universal events in this clinical setting. 2 ...

Cited by: 20

Author: Nicole T. do O, Dennis Eurich, Petra Schmit...

Publish Year: 2012

**Liver transplantation for hepatitis C: Recurrence and ...**<https://aasidpubs.onlinelibrary.wiley.com/doi/full/10.1053/jlts.2000.9741>

The time progression of allograft damage in patients with recurrent **hepatitis C** after **orthotopic liver transplantation (OLT)** is not precisely determined. The aim of this analysis is to study the prog...

Cited by: 202

Author: Giuliano Testa, Jeffrey S. Crippin, George J...

Publish Year: 2000

**Impact of IL-28B polymorphism on outcome in patients with ...**<https://www.researchgate.net/publication/51513247...>

Impact of **IL-28B** polymorphism on outcome in patients with **hepatitis C** after liver transplantation  
August 2011 Expert Review of Gastroenterology & Hepatology 5(4) 429-31

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**Apolipoprotein E polymorphism influences orthotopic liver transplantation outcomes in patients with hepatitis C virus-induced liver cirrhosis**

Nascimento JCR *et al.* Apolipoprotein E influences outcomes in liver transplantation

José Carlos Rodrigues Nascimento, Lianna C Pereira, Juliana Magalhães C Rêgo, Ronaldo P Dias, Paulo Goberlânio B Silva, Silvio Alencar C Sobrinho, Gustavo R Coelho, Ivelise Regina C Brasil, Edmilson F Oliveira-Filho, James S Owen, Pierluigi Toniutto, Reinaldo B Oriá

**Abstract**

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Apolipoprotein E polymorphism influences orthotopic liver transpla



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### Impact of apolipoprotein E genetic polymorphisms on liver ...

<https://www.sciencedirect.com/science/article/pii/S1665268119322185>

Jan 01, 2020 · 1. Introduction. Cirrhosis is the result of the advanced stage of liver disease, resulting from the replacement of the functional liver architecture with non-functional fibrotic tissue, being responsible for important health problems worldwide . Infections by hepatitis C virus (HCV) and alcoholic liver disease are the main causes of liver cirrhosis .

Cited by: 3

Author: José C.R. Nascimento, Gabriella A. Mato...

Publish Year: 2020

### Impact of apolipoprotein E genetic polymorphisms on liver ...

<https://www.elsevier.es/en-revista-annals...> ▾

Hepatocellular carcinoma (HCC) is the most frequent primary liver cancer , and is mostly found in patients with liver cirrhosis, mainly due to infection by the hepatitis B and C viruses. Thus, as cirrhosis is the main risk factor associated with HCC, liver transplantation became the main treatment of this tumour [41–44] .

Cited by: 3

Author: José C.R. Nascimento, Gabriella A. Mato...

Publish Year: 2020

### Association Between Apolipoprotein E ε4 and ...

<https://www.sciencedirect.com/science/article/pii/S0033318204702194>

Mar 01, 2004 · Hepatitis C is a major cause of chronic liver disease worldwide, affecting an estimated 170 million people, approximately 3% of the world's population. 1 Progression to cirrhosis may occur in up to 20% of chronically infected individuals, predisposing to the development of hepatocellular carcinoma. In many Western countries, hepatitis C is the leading indication for orthotopic liver ...

Cited by: 30

Author: Peter A. Gochee, Peter A. Gochee, Eliza...

Publish Year: 2004

### Apolipoprotein E-ε4 protects against severe liver disease ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1053/jhep.2002.34745>

Dec 30, 2003 · The outcome of infection with hepatitis C virus (HCV) varies greatly. The virus associates with serum lipoproteins, including those containing apolipoprotein E (apoE) and apolipoprotein B (apoB), and may enter cells via the low-density lipoprotein receptor (LDLR).

Cited by: 222

Author: Matthew A. Wozniak, Ruth F. Itzhaki, E. ...

Publish Year: 2002