

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 43017

Manuscript Type: REVIEW

Alcoholic liver disease: Utility of animal models

Lamas-Paz A *et al.* Modeling Alcoholic liver disease

Arantza Lamas-Paz, Fengjie Hao, Leonard J Nelson, Maria Teresa Vázquez, Santiago Canals, Manuel Gómez del Moral, Eduardo Martínez-Naves, Yulia A Nevzorova, Francisco Javier Cubero

Abstract

Alcoholic liver disease (ALD) is a major cause of acute and chronic liver injury. Extensive evidence has been accumulated on the pathological process of ALD during the past decades. However, effective treatment options for ALD are very limited due to the lack of suitable *in vivo* models that recapitulate the full spectrum of ALD. Experimental animal models of ALD, particularly rodents, have been used extensively to mimic human ALD. An ideal animal model should recapitulate all aspects of the ALD process, including significant steatosis, hepatic neutrophil infiltration, and liver injury. A better strategy against ALD depends on clear diagnostic biomarkers, accurate predictor(s) of its progression and new therapeutic approaches to modulate stop or even reverse the disease. Numerous models employing rodent animals have been

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5347641/> - 翻译此页

作者: F Stickel - 2017 - 被引用次数: 24 - 相关文章

2017年2月21日 - 2017 Mar; 11(2): 173–188. ... **Alcoholic liver disease (ALD)** is a leading cause of cirrhosis, liver cancer, and A great concern is the rising **incidence** of hepatocellular carcinoma (HCC) which Recent advances, such as the National Institute on Alcohol Abuse and Alcoholism **model** of **ALD**, that combine ...

Alcoholic liver disease presents at advanced stage and progresses ...

<https://www.ncbi.nlm.nih.gov/pubmed/26845595> ▾ 翻译此页

作者: M Shoreibah - 2016 - 被引用次数: 4 - 相关文章

2016 Mar-Apr;15(2):183-9. doi: 10.5604/16652681.1193707. ... **ALD** diagnosed by excluding other **liver diseases** (except HCV) and **alcohol** abuse of ... Fatty **Liver**, **Alcoholic/epidemiology**; Fatty **Liver**, **Alcoholic/physiopathology***; Female ... Logistic **Models**; Male; Middle Aged; Non-**alcoholic** Fatty **Liver** **Disease**/diagnosis ...

Pathogenesis of Alcoholic Liver Disease | Research Center for ALPD ...

<https://keck.usc.edu/...cirrhosis.../pathogenesis-of-alcoholic-liver-disease/> ▾ 翻译此页

2018年9月17日 - **Chronic liver disease** continues to be one of the leading medical causes ... consumption of alcohol and the **incidence** of cirrhosis, only 15-30% of ... This trend is confirmed even in animal **models** of **alcoholic liver disease (ALD)** ... Community Outreach and Seminar · Lee Summer Fellowship · **Pathology** 575.

Alcoholic liver disease - Wikipedia

https://en.wikipedia.org/wiki/Alcoholic_liver_disease ▾ 翻译此页

Alcoholic liver disease is a term that encompasses the liver manifestations of alcohol ... 1 Risk factors; 2 **Pathophysiology** In the early stages, patients with **ALD** exhibits subtle and often no abnormal ... The **Model** for End-Stage Liver Disease (MELD) score has also been found to ... "**Epidemiology** of **alcoholic liver disease**".

Alcoholic Liver Disease - Cleveland Clinic CME



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Animal Models of Alcoholic Liver Disease - National Institute on ...

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The use of animal models has contributed to greater understanding of how alcoholic liver disease (ALD) develops, and of how the severity of liver injury is ...

Animal Models of Alcoholic Liver Disease

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