

Alcoholic Liver Disease (ALD)

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Abstract: *Alcohol-induced liver disease, which includes a variety of conditions such as simple steatohepatitis and superimposed hepatocellular carcinoma, is a leading cause of chronic liver disease globally. The pathophysiology of alcohol liver disease is still unknown, and there are presently no FDA-approved medications for its therapy, despite the fact that the field has made enormous strides in the last 21 years. Through the use of multiple research and other state-of-the-art techniques, we address novel insights into the pathophysiology and potential treatment targets of alcohol-related liver disease in this review. It is discussed how these studies might be applied to therapy and clinical practice. Additionally, we go over alcohol-associated liver disease, the interaction between alcohol liver disease, and preclinical models of alcohol liver disease.*

Keywords: Alcohol metabolism, alcoholic liver disease, alcoholic fatty liver, alcoholic steatohepatitis, alcoholic hepatitis, alcoholic cirrhosis, hepatocellular carcinoma, intestinal microbiome, MEOS, microsomal ethanol-oxidizing system, alcohol dehydrogenase.

