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Roles of hepatic stellate cells in acute liver failure: From the perspective of inflammation and fibrosis

Juan Li, Ying-Ren Zhao, Zhen Tian

Abstract

Acute liver failure (ALF) usually results in hepatocellular dysfunction and coagulopathy and carries a high mortality rate. Hepatic stellate cells (HSCs) are famous for their role in liver fibrosis, although some recent studies revealed that HSCs might participate in the pathogenesis of ALF, the accurate mechanism is still not fully understood. This review focuses on the recent advances in understanding the functions of HSCs in ALF, and revealed both protective and promotive roles during the pathogenesis of ALF: HSCs

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