

Special Issue

Pathophysiology of Liver Fibrosis and Its Therapies

Message from the Guest Editor

Liver fibrosis is a conserved response to chronic hepatocellular stress that results in cell death and activation of multiple signalling pathways. It is characterized by the activation of stellate cells and progressive deposition of the extracellular matrix. Alcoholic and non-alcoholic liver disease are the leading causes of liver fibrosis in the Western world, with lipotoxicity, an alteration of the gut–liver axis, and the resulting inflammation being among the well-known disease pathomechanisms. A better understanding of the transition process from a healthy liver to end-stage disease is needed to enable the prediction of individual disease courses. In advanced fibrosis, the development of portal hypertension and its associated complications are determinants of the patient’s prognosis, but these processes are still incompletely understood.

This upcoming Special Issue of IJMS aims to reflect the diversity of this complex process and bring together biologists, immunologists, and bioinformaticians to highlight the progress in the field. We invite authors to submit original research and review articles regarding the molecular/cellular aspects of liver fibrosis.

Guest Editor

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