Special Issue

Acute Liver Failure: Molecular Actors in Liver–Adipose Tissue Interplay

Message from the Guest Editor

Acute liver failure (ALF) represents a group of severe clinical syndromes in which the rapid deterioration of liver functions leads to jaundice, coagulopathy, and a high mortality rate. Current treatments include pharmacotherapy and artificial liver support, but their therapeutic efficacy is limited. The only valid treatment is liver transplantation, with its multiple limitations. Alternative molecular and clinical strategies are an unmet need for ALF. This condition has been extensively and deeply investigated over the years, attempting to clarify and identify the roles of several novel actors in the mechanism which leads to organ failure and, possibly, its mitigation. The emerging role of adipose tissue as an active endocrine organ is of prominent interest, both as an active inflammation regulator and a systemic buffer. In this Special Issue of *Cells*, I invite you to contribute original research articles, reviews, or perspective manuscripts on all aspects related to "Acute Liver Failure: Molecular Actors in Liver–Adipose Tissue Interplay", especially expert insights into mechanistic, functional, cellular, or biochemical aspects of this topic.

Guest Editor

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Deadline for manuscript submissions

20 November 2025

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/234308

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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