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Cell and Molecular Biology of Hepatocytes

Guest Editor:

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Message from the Guest Editor

Hepatocytes—the most abundant cell type in the liver—are organized in branched cords, with a luminal/bile canalicular network between neighboring cells formed by their apical surfaces, and their basal membranes facing sinusoidal endothelial cells. The polarization of hepatocytes is crucial for their functions, and the loss of polarity is a hallmark of numerous hepatic diseases; therefore, the study of the molecular mechanisms that govern hepatocyte polarization is essential for understanding both liver cell biology and the pathogenesis of liver diseases.

This Special Issue will focus on basic research on cellular and animal models and will collect reviews and original research articles that expand knowledge in the field. Potential topics include, but are not limited to, the contribution of the extracellular matrix, cytoskeleton, and cell–cell adhesion molecular mechanisms in the establishment and maintenance of hepatocyte polarity.













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Message from the Editor-in-Chief

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