

Special Issue

Insights into Hepatocellular Carcinoma: From Pathophysiology to Novel Therapies

Message from the Guest Editors

According to recent data, hepatocellular carcinoma (HCC), the outcome of chronic liver diseases of various etiologies, is the sixth most diagnosed cancer and the third leading cause of cancer-related death worldwide. For over a decade, sorafenib represented the primary therapeutic option. However, many immunotherapy regimens have received EMA and FDA approval in recent years as first- and/or second-line options for the treatment of advanced HCC. Furthermore, many efforts have been devoted to the identification of novel druggable molecular pathways to cure or prevent HCC, deserving special attention to the modulation of antitumoral immune response. Despite these efforts, HCC prognosis remains poor, with a short length of overall survival. Thus, HCC still represents a challenging global medical need. This Special Issue aims to provide new insights into pathological mechanisms related to different HCC etiologies, helping the identification of novel pharmacological targets, therapeutic options, and/or biomarkers that could potentially be exploited for clinical development.

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