

Special Issue

Hepatocellular Carcinoma: From Pathophysiology to Innovative Therapeutic Approaches

Message from the Guest Editor

Hepatocellular carcinoma ranks as the sixth most prevalent malignancy worldwide and the third leading cause of cancer-related mortality. While viral hepatitis and chronic excessive alcohol consumption remain major etiological factors, metabolic dysfunction-associated steatotic liver disease is rapidly emerging as a predominant cause. Significant progress has been made in elucidating the molecular pathogenesis, key oncogenic drivers, and the molecular and immune classifications of HCC. Nevertheless, these advances have yet to be fully integrated into clinical decision-making. The advent of immunotherapy has markedly improved outcomes for patients with advanced HCC; however, such survival benefits are currently limited to a minority of cases. We invite original research articles, reviews, and perspectives addressing novel insights into the molecular pathogenesis of HCC, with particular emphasis on the integration of these findings into therapeutic strategies and the evolving landscape of systemic treatments. Contributions exploring translational research, biomarkers of response, resistance mechanisms, and future directions in immunotherapy and targeted therapy are especially welcome

Guest Editor

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Deadline for manuscript submissions

20 June 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/251750

*International Journal of
Molecular Sciences*
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