



## Exploring the Complex Interplay Between Metabolic Diseases, MASLD, and Liver Cancer

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect research devoted to unraveling the molecular mechanisms underlying the intricate relationship between metabolic dysfunction-associated fatty liver disease (MASLD), metabolic disorders, and liver cancer, mainly hepatocellular carcinoma (HCC). MASLD has emerged as a critical precursor of more severe liver conditions, including metabolic dysfunction-associated steatohepatitis (MASH) and HCC. The interplay between MASLD and metabolic disorders, such as obesity, insulin resistance, and dyslipidemia, significantly exacerbates the risk of HCC development.

This Special Issue aims to expand the comprehension of the roles of metabolic dysfunction, chronic inflammation, oxidative stress, and genetic predispositions in the onset of MASLD and in triggering hepatic carcinogenesis. Additionally, the impact of dietary habits and environmental exposures on disease progression will be thoroughly examined.

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## Message from the Editor-in-Chief

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