



Advance in the Diagnosis, Treatment and Prognosis of Hepatocellular Carcinoma

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Message from the Guest Editor

Dear Colleagues,

Hepatocellular carcinoma (HCC) is the third leading cause of death worldwide, and its incidence is expected to rise significantly in the coming years because of the Westernization taking place around the world. In fact, the growing impact of metabolic disease has reshaped the feature of hepatology. Metabolic-associated fatty liver disease (MAFLD) has become the leading cause of liver cirrhosis and HCC. The latter can occur also in the absence of cirrhotic evolution of hepatic disease.

Thus, early HCC diagnosis is a must for clinical and bench research. Over anti-angiogenetic treatment, HCC prognosis and life expectancy are improved by the use of check-point inhibitors. However, the lack of a genetic mutation fingerprint of HCC requires newer biomarkers for more personalized medicine. In this context, the growing role of gut microbiota dysbiosis in liver disease and in HCC physiopathology can be an efficacious tool in the diagnostic and therapeutic armamentarium.

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