

## Special Issue

# Tumor Immune Microenvironment and Immunotherapy: Novel Insights and Future Perspectives in HCC

### Message from the Guest Editor

Hepatocellular carcinoma (HCC), the most common histological subtype of liver cancer. Recently, numerous immunotherapeutic strategies have been elaborated in order to improve the therapeutic efficacy in many cancers, including treatments using immune checkpoint inhibitors (ICI) and monoclonal antibodies, cytokines or cytotoxic cells, gene transferred vaccines, and many others, with the aim to enhance the host capacity to fight against the tumor or to increase the sensitivity of tumor cells to the treatment.

This Special Issue focuses on the latest research trying to elucidate the complex interaction between the host immune microenvironment and hepatocellular cancer development and progression, with further identification of prognostic immune markers and biomarkers that predict treatment response. Moreover, this fundamental insight of the dynamic process of oncogenesis will lead to the development of new treatments targeted on blocking the signals of immunosuppression induced by tumor cells or on enhancing the host immune response by modulating the tumor immune micro-environment.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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