

Special Issue

Challenges and Future Trends of Hepatocellular Carcinoma Immunotherapy

Message from the Guest Editors

Hepatocellular carcinoma (HCC) is one of the most common cancers worldwide. Emerging immune checkpoint inhibitors (ICIs) have also made progress in HCC. ICIs alone as a first-line treatment have not achieved the desired effect; however, clinical trials evaluating combinatorial strategies involving ICIs and other anticancer agents, especially antiangiogenic agents, have produced more compelling results, marking a new era in HCC management. Combination therapy resulted in higher median overall survival (OS), median progression-free survival (PFS) benefit, and overall response rate (ORR). Atezolizumab–bevacizumab is also currently recognized as the new standard of care in front-line HCC and has been approved for use in several countries worldwide. Similarly, other combinations have been tested and are currently being evaluated. From this point of view, this Special Issue welcomes basic research, reviews, case reports, etc., on the current state of the art in the immunotherapy of HCC. Potential topics include, but are not limited to:

- Molecular experiments on novel immune-based combinations;
- Fighting resistance to immune checkpoint inhibitors;
- Biomarker-driven studies.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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