

Special Issue

Molecular Mechanisms of Liver Cancer

Message from the Guest Editors

Primary liver cancer has emerged as a neoplasm of increasing incidence in recent years. It mainly includes four types of tumors, hepatocellular carcinoma (HCC), cholangiocarcinoma (CCA), hepatoblastoma (HB), and combined hepatocellular-cholangiocarcinoma (cHCC-CCA). Although each type of tumor is associated with different cells of origin, etiological agents, genetic and epigenetic mechanisms and crosstalk with the tumor microenvironment, all liver tumors share as common features a late diagnosis, limited therapeutic options and a highly resistance to therapies. This Special Issue aims to cover the state-of-the-art research on the molecular mechanisms implicated in the development of liver cancers, with both original and review articles. We are interested in in vivo validated molecular studies, performed at tissue and single cell level on, cancer metabolism, cellular des-differentiation and crosstalk, drug resistance, identification of new diagnostic and therapeutic response biomarkers, and proposal of new therapeutic targets. Submissions are welcome to overview but not limited to those molecular aspects of liver cancer.

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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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