



Molecular Mechanisms of Liver Cancer

Guest Editors:

Prof. Dr. Carmen Berasain

Program of Hepatology, Centre
of Applied Medical Research
(CIMA), University of Navarra,
31008 Pamplona, Spain

Dr. María Arechederra

Program of Hepatology, Centre
of Applied Medical Research
(CIMA), University of Navarra,
31008 Pamplona, Spain

Deadline for manuscript
submissions:

closed (30 December 2023)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI