

Special Issue

Cell and Molecular Biology of Hepatocytes

Message from the Guest Editor

Hepatocytes—the most abundant cell type in the liver—are organized in branched cords, with a luminal/bile canalicular network between neighboring cells formed by their apical surfaces, and their basal membranes facing sinusoidal endothelial cells. The polarization of hepatocytes is crucial for their functions, and the loss of polarity is a hallmark of numerous hepatic diseases; therefore, the study of the molecular mechanisms that govern hepatocyte polarization is essential for understanding both liver cell biology and the pathogenesis of liver diseases. This Special Issue will focus on basic research on cellular and animal models and will collect reviews and original research articles that expand knowledge in the field. Potential topics include, but are not limited to, the contribution of the extracellular matrix, cytoskeleton, and cell–cell adhesion molecular mechanisms in the establishment and maintenance of hepatocyte polarity.

Guest Editor

Dr. Francisco Lázaro-Diéguez

Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, Bronx, NY 10461, USA

Deadline for manuscript submissions

closed (31 August 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/69539

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)