



## Hepatic Encephalopathy

Guest Editors:

**Dr. Vicente Felipo**

Laboratory of Neurobiology,  
Centro de Investigación Príncipe  
Felipe, 46012 Valencia, Spain

**Dr. Marta Llansola**

Laboratory of Neurobiology,  
Centro de Investigación Príncipe  
Felipe, 46012 Valencia, Spain

Deadline for manuscript  
submissions:

**closed (30 May 2023)**

### Message from the Guest Editors

Dear Colleagues,

Hepatic encephalopathy (HE) is a neuropsychiatric syndrome present in patients with liver diseases. Several million people suffer minimal or clinical HE, which reduce their quality of life and life span. Liver disease leads to hyperammonemia and peripheral inflammation, which act synergistically to induce neuroinflammation, which alters neurotransmission, leading to cognitive and motor impairment.

This Special issue includes articles on the role of hyperammonemia and changes in the gut microbiome, peripheral inflammation, neuroinflammation, neurotransmission, and other cerebral and peripheral alterations in the pathogenesis of HE on the underlying mechanisms and possible new treatments to improve neurological function in clinical or minimal HE.





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