

Special Issue

Mitochondrial Stress in Non-alcoholic Fatty Liver Disease

Message from the Guest Editors

This Special Issue will publish top quality original papers, mini and full reviews, and perspectives based on basic and translational research, clinical implementation, technology development and transfer, and social outreach-focused papers. The general premise of the research background for this special edition is that NAFLD pathogenesis and progression involves nutrient, inflammatory, and oxidative stress factors that directly or indirectly impair mitochondrial metabolic activity and energy generation in the liver, thus resulting in mitochondrial stress. Therefore, characterizing the underlying mechanisms of metabolic and gut-liver axis dysfunction, identifying biomarkers that inform mitochondrial/metabolic status, and designing interventions for restoration of normal metabolic activity in NAFLD patients are the central goals of this edition.

Guest Editors

Prof. Dr. Paulo J. Oliveira

Prof. Dr. Joan Roselló-Catafau

Prof. Dr. Carlos Marques Palmeira

Deadline for manuscript submissions

closed (31 December 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/19589

*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*, 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.

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

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