

Special Issue

New Insights on Cell Metabolism

Message from the Guest Editor

In recent years, the study of metabolism seems to have decreased. Perhaps this is because it is thought that the current challenges of medicine are not focussed on the way a mechanism that is considered very stable can indicate something new, and whose transcendence in health is minimal. However, current studies of cellular metabolism are revealing a panorama that is enriching our classic knowledge of this chemical machinery of cells. The contributions of different approaches from biochemists, biophysicists, and physiologists through experimental, theoretical, computerized knowledge and information about the genome, which has a broad range of new applications, some of which are unexpected, to many research fields, and for modern medicine in particular. The objective of this Special Issue is an update of this panorama, which can serve readers to learn new approaches and results, and new ways to apply them, and to authors to present their innovative results. The aim of this Special Issue is to provide this information in an interdisciplinary way.

Guest Editor

Prof. Dr. Enrique Meléndez-Hevia

Instituto del Metabolismo Celular, Calle Manuel de Falla nº15, 38208 Tenerife, Canary Islands, La Laguna, Spain

Deadline for manuscript submissions

closed (31 August 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/57682

*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)