



Molecular Mechanisms of Phytochemicals in Antioxidation, Antimicrobial, and Cytoprotective Properties

Guest Editor:

Dr. Mihaela Niculae

Faculty of Veterinary Medicine,
University of Agricultural
Sciences and Veterinary Medicine
of Cluj-Napoca, 400372 Cluj-
Napoca, Romania

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editor

This Special Issue welcomes original research papers and critical reviews on the molecular mechanisms supporting phytochemicals' antioxidative, antimicrobial and cytoprotective activities.

Submissions should be related to themes including, but not restricted to, the following:

- Identification and characterization of phytochemicals originating from various sources;
- In vitro and in vivo evaluation of the bioactive properties and health effects of phytochemicals;
- Insights into the molecular action mechanisms supporting the pharmacological properties of the identified phytochemicals;
- Phytochemicals' current and potential applications.





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

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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