

Special Issue

Natural Antioxidants in Human Health and Disease

Message from the Guest Editor

Oxidative stress, defined as an overproduction of reactive oxygen (ROS) and nitrogen species (RNS) in cells and tissues, plays a pathogenic role in the development of several inflammatory chronic diseases, especially in the case of atherosclerosis, hypertension, obesity, diabetes, metabolic syndrome, and cancer. This Special Issue is a collection of research and review articles on the preclinical and clinical benefits of natural antioxidants, with special interest in human health and disease. The aim of this Special Issue is to collect literature that reflects the actual state of the art and increase our knowledge of natural antioxidants and the mechanism of action in their physiological and pathophysiological role. Further, their bioavailability and biotransformation events should be considered to identify the most likely final effectors in cells and tissues. As the of this Special Issue, I cordially invite researchers from all around the world to contribute by submitting original research articles, long and mini review papers, short notes, and opinions in accordance with their expertise.

Guest Editor

Dr. María Herranz-López

Instituto de Investigación, Desarrollo e Innovación en Biotecnología Sanitaria de Elche (IDiBE)-Miguel Hernández University (UMH), 03202 Elche, Spain

Deadline for manuscript submissions

closed (15 April 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/121924

*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)