

Special Issue

Bioactives in Fruit and Vegetables

Message from the Guest Editors

Fruit and vegetables are rich in bioactive compounds, either hydrophilic compounds, such as phenolics, including anthocyanins, and ascorbic acid, or lipophilic compounds, such as carotenoids and vitamin E. These compounds belong to the secondary metabolism of plants having a pivotal role on plant and environment relationship. In addition, these bioactive compounds have antioxidant properties, contributing to scavenging free radicals and being responsible for the human health benefits attributed to their consumption. In fact, in last two decades, a wide range of scientific papers have reported that they have antimicrobial, antidiabetic, anticancer, anti-inflammatory effects as well as neuroprotection, and cardiovascular protection activity. Thus, the aim of the present special issue will be focused on describing their mechanism of action in improving human nutrition and health benefits by using biological, chemical, cellular, molecular, and immunological methods.

Guest Editors

Prof. Dr. María Serrano

Department of Applied Biology, CIAGRO, University Miguel Hernández, 03312 Orihuela, Alicante, Spain

Prof. Dr. Daniel Valero

Department Agro-Food Technology, CIAGRO, Universidad Miguel Hernández de Elche, UMH, Alicante, Spain

Deadline for manuscript submissions

closed (30 November 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/106131

*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)