

Special Issue

The Role of Dietary Bioactive Compounds in Preventing and Treating Obesity and Overweight

Message from the Guest Editor

Body weight management is essential for many people, especially in developed countries where food is more abundant and physical activity reduced, for preventing comorbidity risks related to obesity and overweight. Emerging research evidence indicates that dietary bioactive compounds could be a promising strategy to complement current pharmacological and dietary therapies. Indeed, in recent years, thousands of these food compounds, such as flavonoids, fatty acids, terpenoids and bioactive peptides, have been investigated for their ability to prevent and treat obesity. I believe that an exhaustive understanding of the role of food bioactive compounds in energy metabolism regulation is of increasing interest to both the scientific community and the food industry.

This Special Issue welcomes manuscripts from human and animal studies focused on evaluating the ability of bioactive food compounds to promote weight management and prevent obesity and its metabolic consequences, as well as in vitro studies aimed to elucidate the potential molecular mechanisms underlying their effects.

Guest Editor

Dr. Gerard Aragonès

Nutrigenomics Research Group, Department of Biochemistry and Biotechnology, Universitat Rovira i Virgili, 43007 Tarragona, Spain

Deadline for manuscript submissions

closed (30 September 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/61286

*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)