

Special Issue

Dietary Bioactive Compounds and Breast Cancer II

Message from the Guest Editors

Breast cancer is the most common occurring cancer and one of the leading causes of cancer-related death in women worldwide. Over 80% of cases are non-hereditary, and therefore, modifiable extrinsic factors related to lifestyle, including dietary habits, play a key role in its prevention. Plant foodstuff is the most important source of bioactive compounds, including polyphenols, carotenoids, phytosterols, and others, that have been reported to exert anticancer effects by playing a broad range of pleiotropic multi-targeted activities on breast cancer cells and animal models. Over the past few decades, wrong approaches without considering their bioavailability and metabolism have been behind the current gap between preclinical and clinical research. Therefore, this Special Issue of the IJMS will publish original research and review papers on the chemopreventive and/or chemosensitization effects on breast cancer of dietary bioactive compounds and/or derived metabolites using physiologically relevant preclinical (cell and animal models) and clinical approaches that could elucidate whether they are responsible for the effects attributed to plant-based foods.

Guest Editors

Dr. Antonio González-Sarrías

Laboratory of Food and Health, Food and Technology Department, National Council for Scientific Research (CEBAS-CSIC), Murcia, Spain

Dr. Juan Antonio Giménez-Bastida

Laboratory of Food and Helath, Research Group on Quality, Safety and Bioactivity of Plant Foods, Department Food Science and Technology, CEBAS-CSIC, P.O. Box 164, Campus de Espinardo, 30100 Murcia, Spain

Deadline for manuscript submissions

closed (31 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/109307

*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 10.0
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)* 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, and molecular biophysics. *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. José L. Quiles

Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

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