

Special Issue

Polyphenolic Compound in Cancer and Disease Prevention 2.0

Message from the Guest Editors

Phenolic compounds constitute one of the most widely-distributed groups of substances in the plant kingdom. Nowadays, more than 10,000 different phenolic structures are currently known. The most important effects of phenolic compounds include antioxidant, anti-inflammatory, hepatoprotective, antiviral and antimicrobial activities amongst others. It should be highlighted that a high intake of fruits and vegetables, rich in phenolic compounds, has been related to a lower incidence of various illnesses, such as cardiovascular diseases, neurodegenerative pathologies, cancer, atherosclerosis, obesity or diabetes. This Special Issue aims to present current knowledge and research trends concerning the use of "green" extraction processes, advanced analytical techniques and bioactivity evaluation of phenolic compounds from plants, food and food by-products versus cancer and disease prevention. We invite researchers to contribute with original research articles, as well as review articles that will stimulate the continuing efforts to understand the role of the bioactive compounds in the treatment and prevention of cancer disease.

Guest Editors

Prof. Dr. David Arráez-Román

Department of Analytical Chemistry, Faculty of Sciences, University of Granada, Avda Fuentenueva s/n, 18071 Granada, Spain

Prof. Dr. Ana María Gomez-Caravaca

Department of Analytical Chemistry, Faculty of Sciences, University of Granada, Avd. Fuentenueva s/n, 18071 Granada, Spain

Deadline for manuscript submissions

closed (29 September 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/95285

*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)* 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 (Organic Chemistry)