

Special Issue

The Role of Bioactive Compounds in Human Health and Diseases (2nd Edition)

Message from the Guest Editor

Bioactive compounds are being studied to better understand their effects on health and disease. These compounds are found in several foods, such as beverages (wine, cedar, juices), vegetable oils, spices (curcuma, pepper, etc.), teas and infusions. Through the results of in vitro or in vivo studies, some of these compounds have already showed several potentially beneficial effects on human health and in the prevention of disease. Plant bioactive compounds are of great interest in this area due to the range of compound varieties and actions, such as thermogenesis, inflammation, metabolism and endocrine factors. More research is needed to explore their use in improving physical performance; the aging process; or preventing or helping treat diseases such as obesity, CVD, diabetes mellitus tumors and inflammatory processes in general. In this context, we invite you to submit your research work or experience to the Special Issue "The Role of Bioactive Compounds in Human Health and Diseases (2nd Edition)". Clinical, experimental and in vitro studies, as well as reviews on the effects of bioactive compounds in obesity and its comorbidities, are welcome.

Guest Editor

Prof. Dr. Jacqueline Isaura Alvarez-Leite

Departamento de Bioquímica e Imunologia, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

Deadline for manuscript submissions

closed (25 April 2025)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/204616

Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)



About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)