

Special Issue

Phytochemicals in the Diet: Health Implications, Safety Issues, and Molecular Mechanisms

Message from the Guest Editors

This Special Issue seeks to collect state-of-the-art original research focusing on the implications of phytochemicals in the diet, including clinical, epidemiological, in vivo, and in vitro studies underlining the impact of phytochemicals on health and disease. As our knowledge about phytochemicals is continuously progressing, this Special Issue will collect the most updated insights into the effects of dietary phytochemicals on health. We welcome your contributions in the form of original research articles, reviews, short communications, systematic reviews, or meta-analyses covering topics such as:

- Beneficial and adverse effects of dietary phytochemicals;
- Phytochemicals as a nutraceutical for the prevention of disease;
- Toxicology and safety aspects of the consumption of specific phytochemicals;
- Absorption, biotransformation, and metabolism of phytochemicals;
- Molecular mechanisms of the action of different phytochemicals;
- Trends in the consumption of phytochemicals as nutraceuticals and functional foods;
- Extraction and analysis of phytochemicals in food and biological samples.

Guest Editors

Dr. Miguel Rebollo-Hernanz

Department of Agricultural Chemistry and Food Science, Faculty of Science, Universidad Autónoma de Madrid, Madrid, Spain

Prof. Dr. Yolanda Aguilera Gutiérrez

Department of Novel Food Production and Characterization, Autonomous University of Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions

closed (30 April 2024)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/131914

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/

ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)