

Special Issue

Bioactive Compounds Obtained from Vegetables: Valorizing Agricultural By- Products and Their Use in Healthy and Safety Food Production

Message from the Guest Editors

There is a growing interest in the extraction and identification of new high added-value compounds from the agro-food industry that will valorize the great amount of by-products generated. Many of these bioactive compounds have shown beneficial effects for humans, but they are also of great interest in the food industry, due to their effect of extending the shelf life of foods by their well-known antioxidant and antimicrobial activities. For this reason, an additional research objective is to establish the best conditions for obtaining these compounds from complex by-product structures, without altering their activities. In this Special Issue, we invite papers, covering at least one of the following topics: Identification and characterization of bioactive compounds from vegetable by-products: functional activities; New methodologies for obtaining bioactive compounds from vegetables; Development of new functional foods and ingredients incorporated with bioactive compounds obtained from plant by-products; Technologies for preserving these bioactive compounds for use in food: encapsulation; Bioactive compounds and their behaviour after digestion.

Guest Editors

Prof. Dr. María José Benito

Prof. Dr. Alberto Martín

Dr. Rocío Casquete Palencia

Deadline for manuscript submissions

closed (20 May 2021)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/50461

*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](https://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, CAPus / SciFinder, and other databases.

Journal Rank:

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