

## Special Issue

# Effects of Dietary (Poly)phenols on Metabolic Pathways and Functional Biomarkers: From Preclinical Models to Human Studies

### Message from the Guest Editors

Phenolic compounds are plant secondary metabolites that can occur in high concentrations in some dietary sources. Their role as components, partly responsible for the protective effects of a fruit- and vegetable-rich diet, has become an increasingly important area of human nutrition research. Among the different health benefits exerted by (poly)phenols, most studies have demonstrated the importance of a potential protective role in the context of cardiovascular diseases, diabetes, neurodegenerative disorders, and cancer. Specifically, antioxidant activity, the suppression of inflammation, the regulation of vascular endothelial function, the modulation of the immune system, and the restoration of the mitochondrial function represent just some of the mechanisms of action through which (poly)phenols exert their effects. The editors of this Special Issue invite researchers to contribute original research articles and review articles on the beneficial effects of (poly)phenols, helping to improve the knowledge in this area, either from in vitro, animal models, or clinical trials.

### Guest Editors

Prof. Dr. Simone Perna

Dr. Mirko Marino

Dr. Clara Gasparri

### Deadline for manuscript submissions

closed (31 December 2023)



## Foods

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## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

Prof. Dr. Arun K. Bhunia

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