

## Special Issue

# Unravelling the Antioxidant and Anti-Inflammatory Potential of Plant Extracts: Implications for Human Health

### Message from the Guest Editors

This Special Issue, “Unravelling the Antioxidant and Anti-Inflammatory Potential of Plant Extracts: Implications for Human Health”, focuses on the growing scientific evidence supporting the role of plant-derived bioactive compounds in the prevention and management of chronic diseases.

This Special Issue aims to gather original research articles and reviews, investigating the biological properties, mechanisms of action, bioavailability, and therapeutic potential of plant-based compounds and extracts. Contributions addressing *in vitro*, *in vivo*, and human studies are particularly encouraged, especially those exploring molecular signaling pathways, modulation of oxidative biomarkers, immune responses, and gut microbiota interactions. In addition, studies related to functional foods, nutraceuticals, and sustainable use of medicinal plants are welcome. The overall objective is to provide new insights into the application of natural plant-derived compounds for improving human health and supporting evidence-based nutritional and therapeutic strategies.

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### Guest Editors

Dr. Mariola Drozdowska  
Dr. Ewelina Piasna-Słupecka  
Prof. Dr. Ewa Piątkowska

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### Deadline for manuscript submissions

20 December 2026



## Nutrients

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Impact Factor 5.0  
CiteScore 10.2  
Indexed in PubMed



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## 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

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