

Special Issue

Dietary Phytochemicals: Implications for Health and Disease

Message from the Guest Editors

There is strong scientific evidence that regular consumption of fruits and vegetables is associated with a lower risk of chronic diseases such as cardiovascular disease, cancer, diabetes, Alzheimer's disease, and age-related functional decline. Plant foods contain bioactive compounds such as flavonoids, carotenoids, lipids, vitamins, minerals, and fiber that have been shown to be responsible for biological activities. For some bioactive compounds, modern methods of cellular and molecular biology have made it possible to understand the mechanisms of action that underline their effects. This Special Issue aims to provide a contemporary understanding of dietary plant extracts and their bioactive compounds in human nutrition and health, particularly the underlying cellular and molecular mechanisms of action of these bioactive dietary constituents. We invite the submission of short communications, original articles, and reviews that highlight the history and advance our current knowledge of bioactive dietary constituents in human health.

Guest Editors

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Prof. Dr. Francesca Borrelli

Dr. Paola De Cicco

Deadline for manuscript submissions

closed (15 December 2024)



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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.

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