Special Issue

Phytochemicals: Emerging Approaches to the Fight Against Aging and Aging-Related Diseases

Message from the Guest Editors

Population aging has become a global issue. Aging is a gradual and irreversible pathophysiological process. with declines in tissue and cell functions, and represents the dominant risk in various aging-related diseases. Typical aging-related diseases, such as neurodegenerative diseases, cardiovascular diseases, metabolic diseases, musculoskeletal diseases, and immune system diseases, pose a serious threat to human health and a challenge to the development of effective intervention strategies. In recent years, increasing evidence has emerged indicating that phytochemicals (plant-based bioactive compounds) are beneficial in delaying individual aging and reducing the occurrence of age-related diseases, rendering them a promising anti-aging approach. Contributions to this Special Issue should further explore the fields of phytochemicals in aging and aging-related diseases and provide a theoretical and molecular basis for developing new strategies for human health and treating aging-related diseases. We welcome well-designed research articles and reviews on these, and related, topics, especially at the molecular level.

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Deadline for manuscript submissions

closed (25 June 2025)



Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed



mdpi.com/si/208654

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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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