

Special Issue

Plant Food Bioactives, Vascular Protection and Underlying Molecular Mechanisms of Action

Message from the Guest Editor

Nutrients is preparing a Special Issue on bioactives, vascular health and molecular mechanisms. Vascular endothelium and its functions play a key role in the maintenance of human health and for healthy ageing. Endothelial dysfunction leads to vasoconstriction, vascular inflammation and damages, which originate in the atherosclerotic disease process and its clinical complications (stroke, CHD), as well as of functional disorders in other organs, such as brain and induce disorders like cognitive dysfunctions, dementia and neurodegenerative diseases (Alzheimer's disease, Parkinson's). Bioactives present in plant food have been suggested to be able to prevent or delay vascular dysfunction and consequently onsets of chronic diseases, such as cardiovascular diseases, type 2 diabetes, neurodegenerative diseases; these play an important role in healthy aging.

This Special Issue aims to exhibit the latest research on the role of bioactives in maintaining vascular function, preventing its dysfunction and the development of associated chronic diseases, and research in understanding molecular and cellular mechanisms of actions which underlie their health properties.

Guest Editor

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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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