



Development of Functional Plant-Based Foods and Beverages

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Message from the Guest Editors

Plant foods are a good alternative for the development of functional foods. Firstly, plant matrices have high micro- and macronutrient contents, and a rich source of bioactive compounds with health-promoting properties. At the same time, plant matrices can be produced from the waste, thus improving the reduction of food waste. Another alternative to improve the functional quality would be by using probiotic microorganisms through fermentative processes. Therefore different matrices should be investigated.

The aim of this Special Issue is to compile recent research and high-quality review papers in the field of plant foods and drinks with high nutritional value and potential health effects. Topics include:

- Bioavailability of bioactive compounds in vegetable matrices.
- Control of bioactive compounds during processing and their functional quality during shelf-life.
- In vitro and in vivo studies to evaluate the physiological effects and mechanisms of the bioactive compounds and ingredients in improving health.
- Phytochemical characterization of plant-based functional foods and drinks.
- Nutritional and functional quality of plant-based products.





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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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