



Development of Functional Plant-Based Foods and Beverages

Guest Editors:

**Prof. Dr. María Jose Frutos
Fernandez**

Agrofood Technol Department,
Miguel Hernandez University,
Ctra Beniel, Km 3-2, 03312
Alicante, Spain

Dr. Estefanía Valero Cases

Research Group on Quality and
Safety, Food Technology
Department, Miguel Hernández
University, 03312 Orihuela, Spain

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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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Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

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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Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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