

# Special Issue

## Bioactive Compounds and Antioxidant Capacity in Fruits and Vegetables

### Message from the Guest Editors

Fruits and vegetables have always been present in the human diet, probably due to their delicious taste and aroma. However, their nutritional contribution, as well as their role in disease prevention, have also become evident. Reductions in chronic degenerative diseases, for example, have been related to an increase in the dietary intake of antioxidants, vitamins, fiber, and other phytochemical compounds that are present in fruits and vegetables. Thus, it is of interest to study the vast array of bioactive compounds and antioxidants that may be present within horticultural products, their effects on human health, and the development of technologies that can increase their amount or preservation during the pre- and postharvest periods. The proposed Special Issue aims to present the most recent studies, developments, and methods related to antioxidant and bioactive compounds found in plant products. Therefore, we invite breeders, postharvest physiologists, analytical chemists, biochemists, or anyone interested in the subject to contribute to this topic by submitting articles, literature reviews, or opinions that may be of interest to the scientific community.

---

### Guest Editors

Dr. Arturo Duarte Sierra

Prof. Dr. Martín-Ernesto Tiznado-Hernández

Dr. Luis Felipe Gutierrez Alvarez

---

### Deadline for manuscript submissions

closed (15 December 2023)



# Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 5.1



[mdpi.com/si/127386](https://mdpi.com/si/127386)

*Horticulturae*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)

[mdpi.com/journal/  
horticulturae](https://mdpi.com/journal/horticulturae)





# Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 5.1



[mdpi.com/journal/  
horticulturae](https://mdpi.com/journal/horticulturae)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

#### Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)