

## Special Issue

# Advances in Studies on *Citrus* Antioxidant Compounds Using Traditional and New Biotechnological Approaches

### Message from the Guest Editor

This Special Issue of *Plants*, novel scientific contributions (original research papers, opinions, reviews, perspectives, hypotheses, and new methods) are welcome, focusing on gene expression analysis and related functional studies, application of traditional breeding, and recent molecular and biotechnological advances based on new plant breeding technologies, genetic transformation, and epigenetic studies. All contributions must be focused on creating advancements in citrus crop improvement mainly of traits of fruit as they are naturally, or as consequence of the effect of external factors. This Special Issue focuses on the following topics: (i) gene expression analysis and related functional studies  
(ii) traditional and molecular breeding  
(iii) cisgenesis and genome editing  
(iv) genetic transformation  
(v) epigenetic studies  
(vi) antioxidant and nutraceutical compounds

---

### Guest Editor

Dr. Concetta Licciardello

Research Center for Olive Fruit and Citrus Crops, Council for Agricultural Research and Economics, 95024 Acireale, Italy

---

### Deadline for manuscript submissions

closed (31 May 2022)



## Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/64390](https://mdpi.com/si/64390)

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

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





# Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

---

### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

---

### 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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)