

## Special Issue

# Extraction Technologies, Isolation, Separation, and Application of Phytochemicals

### Message from the Guest Editors

Phytochemistry is perhaps one of the oldest research fields in science, but despite much excellent chemical exploration, new insights into medicinal and other plants are still needed to better understand their intrinsic complexity and exploit their vast commercial potential. The chemical structure of many important phytochemicals has been elucidated in the last couple of decades along with their biosynthetic pathways and biological functions. However, we have only begun to uncover some of the many unexploited potentials of plants and their metabolites. Therefore, in the present Special Issue of *Plants*, we primarily encourage the publication of new and original research papers on extraction technologies, isolation, separation, and application of known and unknown phytochemicals. We especially welcome papers which are focused on less mainstream developments and interdisciplinary papers, bridging the gap between other relevant fields. We hope that this Special Issue will widen the publishing landscape topic-wise by encouraging researchers to use this forum for their niche or exotic findings.

---

### Guest Editors

Dr. Alen Albreht

Dr. Mitja Križman

Dr. Katerina Naumoska

---

### Deadline for manuscript submissions

closed (10 December 2022)



## Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/109223](https://mdpi.com/si/109223)

*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, 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)