



*plants*



an Open Access Journal by MDPI

## Exploring the Universe of Natural Products: Recent Advances in Synthesis, Isolation and Structural Elucidation

Guest Editors:

**Dr. Alberto Minassi**

Department of Pharmaceutical Sciences, University of Piemonte Orientale, Largo Guido Donegani 2/3, 28100 Novara, Italy

**Dr. Federica Pollastro**

Department of Pharmaceutical Sciences, University of Eastern Piedmont, Largo Donegani 2, 28100 Novara, Italy

Deadline for manuscript submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

Plants represent a fantastic cornucopia of secondary metabolites characterized by unique carbon skeletons related to powerful biological activities that favored the birth of different traditional medicine systems. Although the plant kingdom has been widely explored, many areas still remain untouched, retaining their “*treasures*”. The study of natural products requires different expertise, and this multidisciplinary field can contribute to create opportunities in the identification of new compounds with interesting pharmacological and ecological profiles. This issue would be an opportunity to show the latest advances in the exploration of untouched areas of the plant kingdom, focusing attention on the isolation, structure characterization, and synthesis of interesting secondary metabolites.



[mdpi.com/si/44030](https://mdpi.com/si/44030)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## 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)

## Contact Us

---

Plants Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/plants](http://mdpi.com/journal/plants)  
[plants@mdpi.com](mailto:plants@mdpi.com)  
[X@Plants\\_MDPI](https://twitter.com/Plants_MDPI)