

## Special Issue

# Nutritional Quality, and Bioactive Components of Aromatic Plants

### Message from the Guest Editor

Aromatic plants are a source of valuable raw materials used in food, cosmetic and pharmaceutical production, as well as various therapies. These valuable plant species are still found in natural habitats, but most of the high-quality raw material is provided by cultivation. Both sources of aromatic herbs are important for production and consumers. The task of cultivation is to provide the market with a product of high quality, rich in nutrients and bioactive compounds, safe for the potential consumer and with significant benefits. In the case of aromatic plants, one of the main groups of actinic substances are volatile compounds. The content and activity of these components is variable and dependent on several factors. Similarly, the level of nutrients depends on various factors, depending to a greater or lesser extent on the grower or picker. In this regard, practical knowledge is based on important scientific information, based on the results of experiments. Increasing the level of nutrients and bioactive substances based on the principles of good agricultural practice (GAP) makes it possible to obtain a raw material safe for use with health-promoting effects.

### Guest Editor

Prof. Dr. Renata Nurzyńska-Wierdak

Department of Vegetable and Herb Crops, Faculty of Horticulture and Landscape Architecture, University of Life Sciences in Lublin, Doświadczalna 50A, 20-280 Lublin, Poland

### Deadline for manuscript submissions

closed (30 September 2024)



## Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/195664](https://mdpi.com/si/195664)

*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)