

## Special Issue

# Investigation of Chemical Composition and Bioactive Components in Aromatic Plants

### Message from the Guest Editors

This Special Issue explores the rich chemical diversity and bioactive potential of aromatic plants, focusing on their essential oils, phenolics, flavonoids, and other secondary metabolites. Aromatic plants play a crucial role in traditional medicine, modern pharmacology, food preservation, and cosmetics due to their therapeutic and functional properties. Bioactive compounds isolated from aromatic plants have significant implications for human health, providing potential for therapeutic properties such as antioxidant, anti-inflammatory, antimicrobial, and anticancer effects. Their chemical composition consists of various macronutrients, micronutrients, and secondary metabolites. Various analytical techniques are used to investigate their chemical composition and bioactive components. The investigation of the chemical composition and bioactive components in aromatic plants provides valuable insights into their nutritional and therapeutic potential. Advances in analytical techniques continue to reveal the complex array of bioactive compounds in crops, opening new avenues for the development of functional foods and novel therapeutic agents.

### Guest Editors

Dr. Olga Tsiftoglou  
Dr. Michalis Stefanakis  
Prof. Dr. Diamanto Lazari

### Deadline for manuscript submissions

closed (30 July 2025)



## Agriculture

an Open Access Journal  
by MDPI

Impact Factor 4.5  
CiteScore 7.8



[mdpi.com/si/228872](https://mdpi.com/si/228872)

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

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





# Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.5  
CiteScore 7.8



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



## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

---

### Editor-in-Chief

Prof. Dr. Les Copeland  
Sydney Institute of Agriculture, School of Life and Environmental  
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

---

### 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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)