

## 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

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### Deadline for manuscript submissions

closed (30 July 2025)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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