

Special Issue

Nutritional and Therapeutic Metabolites from Ethnomedicine and Agri-Food Sources: Emerging Research and Applications

Message from the Guest Editor

This special issue aims to advance scientific understanding in nutraceuticals, pharmaceuticals, and functional nutrition. It highlights the nutritional and therapeutic potential of natural active metabolites, emphasizing their role in disease prevention, health promotion, and novel drug discovery. In this upcoming special issue, we invite the submission of original research articles, reviews, and short communications that address, but are not limited to, the following topics:

- Isolation and identification of bioactive compounds from medicinal plants and agri-food sources
- Ethnobotanical strategies for identifying nutritionally significant plant-based bioactive metabolites
- Functional foods and dietary supplements derived from ethnobotanically Significant plant species and agricultural crops
- Mechanistic studies on the health effects of plant-derived bioactive metabolites
- Recent advances in extraction, formulation, and delivery systems for plant bioactive metabolites
- Characterization of nutritional and therapeutic compounds using the metabolomics approaches
- Clinical and preclinical evaluation of food-derived bioactive metabolites in disease management

Guest Editor

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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.

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