

Special Issue

New Insights in the Research of Bioactive Compounds from Plant Origin with Nutraceutical and Pharmaceutical Potential, 3rd Edition

Message from the Guest Editors

Plant bioactive compounds are essential for human health, owing to their multiple biological effects, such as antioxidant, anticarcinogenic, antiallergenic, anti-inflammatory, antimutagenic, and antimicrobial activities, which lead to beneficial effects on various non-communicable diseases such as autoimmune, inflammatory, cardiovascular, cancer, metabolic, and neurodegenerative diseases. Identifying these components and establishing their beneficial health effects are extremely active areas of scientific inquiry. The screening of natural sources for novel biologically active metabolites has been an essential part of several drug discovery programs. This Special Issue aims to present recent developments in high-throughput and efficient analytical approaches that are enabling the identification of plant-based compounds; the new protocols for evaluation of *in vivo* and *in vitro* bioactivities; and the methods for the extraction, isolation, and structural characterization of new bioactive components with nutraceutical and therapeutic potential.

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Deadline for manuscript submissions

15 December 2025



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/206086

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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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