

Special Issue

Chemical Characteristics and Bioactivity of Plant Natural Products, 2nd Edition

Message from the Guest Editor

We are pleased to invite you to submit short communications, original articles, or review articles to a Special Issue of *Plants* entitled "Chemical Characteristics and Bioactivity of Plant Natural Products, 2nd Edition". Due to their wide range of bioactivities, plants and their bioactive molecules are utilized as natural therapeutics, making significant contributions to the production of commercial drugs in the pharmaceutical industry and medicine. The potential topics include, but are not limited to, the following: Diversity of natural compounds from plants; Chemistry, adaptive significance and role of specialized metabolites in plants; New trends in the isolation, identification, and characterization of natural plant constituents; Innovative strategies in the search for bioactive plant compounds; Plant metabolites as bioactive agents (antifungal, antibacterial, anticancer, anti-inflammatory, antioxidant, antiviral, anti-insect, etc.); Innovative approaches to natural plant products in food, pharmacy, medicine, and cosmetics.

Guest Editor

Dr. Danka Bukvički

Department of Morphology and Systematics of Plants, Institute of Botany and Botanical Garden "Jevremovac", Faculty of Biology, University of Belgrade, Studentski trg 16, 11000 Belgrade, Serbia

Deadline for manuscript submissions

closed (15 March 2026)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

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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, and 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

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