

Special Issue

Bioprospecting the Efficacy and Safety of Natural Products from Plants

Message from the Guest Editors

In this Special Issue, we invite scientists who are dedicated to the bioprospecting of natural products derived from plants. The topics of interest are i) the isolation, identification, and semi-synthesis of bioactive phytochemicals; ii) pre-clinical (in vitro and in vivo) and clinical evaluation of efficacy and safety for pharmacological and toxicological validation of phytocomplexes; iii) studies of unit operations and analytical standardization of plant extracts; and iv) the development of release systems for phytochemicals of medical, biomedical, and veterinary interest. Scientific contributions on subjects relevant to phytotherapy, e.g., metabolomics, experimental pathology, the effect of seasonality on bioactivities, and pharmacometrics are very welcome. Contributions must contain information on the botanical identification of the species under study, including the deposit of voucher specimens in herbaria, and the phytochemical characterization of plant extracts. Only systematic reviews prepared following the recommendations of the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA 2020) will be considered.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/193649

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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.

Editor-in-Chief

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