

Special Issue

Anti-Inflammatory Bioactivities in Plant Extracts

Message from the Guest Editors

Considering the vast diversity among the plant species and the large number of identified compounds from plant origin it is clear that their healing potential is huge and still insufficiently studied. Inflammation is associated with a vast variety of acute and chronic pathological conditions and diseases. In this regard, the search for new and safe preparations from plant origin provides an alternative and/or complementary tool for the control of inflammation processes. Revealing the molecular effects of medicinal plants and their biologically active components and identifying new molecular targets of action is essential for the development of nutrition, biotechnology and pharmaceutical sciences. This Special Issue will focus on the phytochemical identification of plant constituents with anti-inflammatory potential. Results from *in silico*, *in vitro*, including in cell culture models, *in vivo* experiments and human intervention studies are also welcomed. Original data and review articles with phytochemical analyses and experiments with pure compounds, different types of extracts and fractions revealing the anti-inflammatory potentials of the plants will be accepted.

Guest Editors

Dr. Yoana Dimitrova Kiselova-Kaneva

Dr. Ilian Badjakov

Dr. Ivayla Dincheva

Deadline for manuscript submissions

closed (30 June 2023)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.5
Indexed in PubMed



mdpi.com/si/110747

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

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)