

## 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

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*Plants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

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