

Special Issue

Phytochemicals for Plant and Human Health II

Message from the Guest Editor

Over millions of years of evolution, plants have developed mechanisms in response to biotic and abiotic stressors. Phytochemicals are secondary metabolites in plants that are involved in the response to these exogenous stressors. As a protection mechanism, plants have evolved various classes of phytochemicals to mitigate pests and diseases. Additionally, phytochemical levels have been reported to fluctuate in response to various environmental conditions and cultural practices. Interestingly, some of the phytochemicals that protect plants from pests and diseases have been shown to possess medicinal properties against human diseases. The aim of this Special Issue is to collect current and novel scientific findings in the area of plant chemistry. The scope of this Special Issue publication includes, but is not limited to, research pertaining to plants as functional foods, plant–insect interactions, the isolation and purification of bioactive compounds, the study of underutilized plants as a source of bioactive compounds, and novel plant-derived biopesticides. Original research articles, reviews and short communications are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2023)



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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, 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

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