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Phytochemical Composition and Biological Activity

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Message from the Guest Editors

Dear Colleagues,

A compound having some biological activity in living organisms is considered bioactive. Phytochemicals are naturally occurring bioactive plant molecules that provide humans with several health benefits. In view of this, nature is a valuable reservoir of novel bioactive compounds.

Natural products have a unique chemical diversity, which results in diversity in their biological activities and drug-like properties. Those products have become one of the most important resources for developing new lead compounds and scaffolds.

The prevention and/or treatment of various diseases, including diabetes, hepatitis, allergies, cancer and neurodegenerative disorders as well as health promotion in general has driven conventional and traditional medicines in the search for new phytochemicals and other natural products.

Natural products will undergo continual use toward meeting the urgent need to develop effective drugs, and they will play a leading role in the discovery of drugs for treating human diseases

You are welcome to participate in this Special Issue with original research papers and reviews on Phytochemical Composition and Biological Activity.



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Special Issue



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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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