

Special Issue

Extraction, Isolation and Characterization of Bioactive Compounds from Plants

Message from the Guest Editors

Even though drug discovery from medicinal plants remains an important source of novel therapeutic leads, various hurdles exist, including the continuous search for convenient extraction methods, the development and execution of suitable high-throughput screening bioassays, the scaling up of the supply of bioactive molecules, and the acquisition of plant materials.

This Special Issue of *Plants*, highlighting the function, evolution, and diversity of secondary metabolites, will be focused on the latest developments in high-throughput and efficient analytical approaches, which have enabled the identification of plant-derived compounds, the establishment of new protocols for the assessment of biological activity, and the development of methods for the extraction, isolation, and structural characterization of new bioactive components with nutraceutical and pharmaceutical potential.

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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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