

Special Issue

Phytochemical Analysis of Specialized Metabolites in Food and Medicinal Plants

Message from the Guest Editors

Recent advances in science have clarified the role of specialized plant metabolites (classically known as secondary plant metabolites), which cannot be considered only bioactive molecules used for human health but also pivotal factors for the global ecosystem, plant life, evolution, and mutualism. The plant kingdom synthesizes thousands of specialized, bioactive natural products of medicinal value for drug development and plants are unique sources for pharmaceuticals, food additives, flavors, and supplements. The commercial importance of these specialized natural products has resulted in a great interest in their production and in exploring the possibilities of enhancing their production. This Special Issue aims to provide an opportunity for the dissemination of new approaches to, and techniques in different strategies for, the detection, extraction, separation, purification, identification, quantification, or structural elucidation of known and new specialized natural products.

Guest Editors

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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.

Editor-in-Chief

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