

Special Issue

Identification and Analysis of Bioactive Components from Plants

Message from the Guest Editor

Plants have been used to combat diseases since prehistoric time. Currently, medicinal plants, used as herbal medicine, play a major role in the treatment of diseases in many developing countries. They are also becoming more and more popular in developed countries as botanical dietary supplements and functional foods. Medicinal plants also play an important role for new drug discovery. The mechanisms of actions of the active ingredients of many medicinal plants are still under investigation due to the complexity of the chemical components and the bioactivities of plants. Therefore, this Special Issue of *Plants* will focus on the isolation and identification of bioactive compounds from medicinal plants and their bioactivities, the authentication and quality control of medicinal plants, and the mechanism of actions of the compounds within plants.

Guest Editor

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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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