

Special Issue

Ethnobotanical and Pharmacological Study of Medicinal Plants

Message from the Guest Editors

Ethnobotany is considered an important tool for the bioprospection of new drugs by the pharmaceutical industry, and interest in it has increased dramatically over the years. The discovery of new herbal medicines and bioactive molecules based on traditional knowledge is an efficient approach to obtain both pharmacological and toxicological information from medicinal plants. The scientific validation of plant-based preparations used in folk medicine worldwide for the treatment of various diseases may involve preclinical and clinical studies. To date, only a few studies have fully investigated the chemical and pharmacological properties of traditional drug remedies. The special edition of *Plants* will highlight studies characterizing the *in vivo* or *in vitro* effects associated with folk use, plant fingerprinting, quality control, and the isolation of active substances from medicinal plants. Reviews of a specific plant family, medicinal species, or ethnopharmacological compilations of plants traditionally used in different medicinal systems are also welcome, highlighting the active compounds described and their possible mechanisms of action.

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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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