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Pharmacological and Toxicological Study of Medicinal Plants

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Message from the Guest Editors

Dear Colleagues,

Natural products isolated from plants have been used as a major source of therapeutic development. Various plants are being used under ethnopharmacological evidence as name of Traditional Medicine, but biological understanding of their effectiveness and mechanism of action is insufficient. In addition, the WHO has launched a Traditional Medicine Strategy (2014–2023), which aims to ensure the efficacy, safety and quality of traditional medicines. Unlike the development of synthetic drugs, most countries do not have or have simplified regulations on the validation of the efficacy and safety of natural drugs. Plants, which have bioactivity, contain multiple compounds which are responsible for their efficacy and toxicity.

For all these reasons, this Special Issue aims to invite researchers to contribute original articles and reviews articles which provide pharmacological and toxicological evidences of medicinal plants and there bioactive components. To ensure the quality of the articles in the special issue, the chemical profiles of plants extracts and the mechanism of efficacy should be included.

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Guest Editors



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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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