

Special Issue

Pharmacological Activity of Medicinal and Functional Plants

Message from the Guest Editor

This Special Issue will focus on original research papers and comprehensive reviews. The topics of this Special Issue include, but are not limited to, recent advances in: Medicinal and functional plants containing bioactive molecules utilized for the benefit of human and animal health. Combinations of herbs and probiotics as an alternative growth promoter in economic animal production and antimicrobial resistance control. Phytochemicals with antimicrobial activities as alternatives to conventional antibiotics to decrease risks of drug resistance and environmental contamination. Functional mechanism(s) or synthetic pathway(s) of active phytochemical(s) in medicinal plants. Biomaterials and delivery strategies of phytochemical compounds used to prevent and treat human and animal diseases. Application of optical and electrochemical biosensing or artificial intelligence techniques utilized for the detection of phytochemicals levels. We hope you find this topic of interest. Original research articles, reviews, and methodologies are welcome contributions.

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.

Editor-in-Chief

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