

Special Issue

The Horticulture and Quality Control for Medicinal Plants

Message from the Guest Editor

Horticulture and quality control hold pivotal positions in the cultivation and production of medicinal plants, ensuring the potency, safety, and uniformity of botanical remedies. The horticulture of medicinal plants encompasses breeding and the cultivation of specific species or cultivars under suitable conditions to optimize their bioactive compounds. By managing factors such as soil composition, light exposure, and temperature, horticulturists can augment the concentration of therapeutic constituents in plants. Effective processing and storage also stand as critical components in preserving bioactivity. Simultaneously, the implementation of a range of quality control measures is imperative in order to ensure consistent potency and purity. This special issue will encompass a wide range of significant subjects related to medicinal plants, including authentication and identification, biodiversity and the breeding of new varieties, cultivation, harvesting and processing, assessments for purity and contaminants; evaluation of stability and quality control using biological systems.

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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