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The Horticulture and Quality Control for Medicinal Plants

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Deadline for manuscript
submissions:

closed (31 May 2024)

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.



mdpi.com/si/183185

Special issue



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Message from the Editor-in-Chief

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