

Special Issue

Propagation and Cultivation of Medicinal Plants

Message from the Guest Editor

Medicinal plants play critical roles in human wellbeing as sources of medicines, nutraceuticals, and cosmeceuticals. Wild harvesting is no longer sustainable for many commercially important species. Thus, medicinal plant cultivation has become an integral part of a sustainable medicinal plant value chain. A large-scale cultivation requires the availability of sufficient propagules. Different factors can influence seed propagation. In some cases, particularly for medicinal plants where the underground parts are medicinally used, the availability of propagules can present a challenge. This necessitates developing and optimizing their propagation protocols. Several cultivation practices can influence the biomass production, phytochemical content, and biological activity of cultivated plants. This Issue is expected to contribute to the current knowledge on medicinal plant propagation and cultivation. Research and reviews demonstrating or highlighting the influence of factors such as plant growth regulators, media additives, biostimulants, pruning, spacing, and other agronomic factors on propagation, biomass production, bioactive compound of medicinal plants fall within this scope.

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, and 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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