Special Issue

Integrated Strategies for Biotic and Abiotic Stresses Mitigation in Horticulture

Message from the Guest Editors

Biotic stresses (such as insect pests, bacterial infections, and weed competition) and abiotic stresses (such as drought, salinity, extreme temperatures, heavy metals, and nutritional imbalance) may cause a severe reduction in crop yield when they are beyond the ability of the crop to acclimatize or recover. In view of this, it is necessary to make efforts to enhance stress tolerance in plants, with the primary goal being to enhance yield under stress conditions.

Notably, environmental stress mitigation in horticultural crops has shifted from single-measure approaches to a comprehensive system involving “genetic improvement, environmental regulation, exogenous physiological intervention, and microbial association”.

The purpose of this Special Issue, “Integrated Strategies for Biotic and Abiotic Stresses Mitigation in Horticulture”, aims to present innovative studies, mechanisms, tools, approaches, and techniques that have been successful in addressing some of the challenges mentioned above. Scientists from all over the world are invited to submit original research and review articles that relate to such topics.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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