Special Issue

New Insights into Stress Physiology and Resistance Regulation in Horticultural Plants: 2nd Edition

Message from the Guest Editor

Following the tremendous success of the first edition of the "New Insights into Stress Physiology and Resistance Regulation in Horticultural Plants" Special Issue, a second edition is being launched. This SI focuses on novel approaches that can be employed to examine the underlying mechanisms of adaptation and acclimation in horticultural plants that contribute to their increased tolerance to abiotic stress, as well as their increased resistance to biotic stress, at the morphological, physiological, biochemical, and molecular levels by employing cutting-edge methodologies. We will welcome research articles and reviews that address these themes, with topics including, but not limited to, the following:

- Physiological and biochemical responses related to stress tolerance and resistance.
- Modification of enzyme activities or alternation of gene expression patterns.
- Metabolic readjustments estimated either via target or non-target metabolomic approaches.
- Accumulation of specific ROS or other parameters of oxidative stress, and the biosynthesis of antioxidants or compatible solutes.
- Fine tuning of phytohormones.
- Emission of volatile organic compounds (VOCs).

Guest Editor

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About the Journal

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

Prof. Dr. Luigi De Bellis
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