

Special Issue

Physiology of Vegetables Under Biotic/Abiotic Stress Conditions

Message from the Guest Editor

The productivity and quality of vegetable crops are frequently substantially restricted by a wide range of biotic and abiotic stressors, despite their importance to human nutrition and global food security. Unfavorable environmental factors like pathogen infection, pest infestation, and weed competition, along with drought, salinity, heat, cold, nutrient imbalances, and heavy metal toxicity, can drastically impact physiological processes, leading to yield losses and lowered product quality. Therefore, a deeper understanding of the physiological, biochemical, and molecular mechanisms through which vegetables perceive, respond, and adapt to stress is imperative for the development of resilient cropping systems. This Special Issue aims to provide a thorough presentation of the achievements of research community related to the aforementioned trends, ultimately supporting sustainable horticultural production under changing environmental conditions.

Guest Editor

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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

Prof. Dr. Luigi De Bellis
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Technologies (DiSTeBA), Salento University, Lecce, Italy

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