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New Insight of Horticultural Crops Growth Regulation

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Message from the Guest Editors

The growth, yield, and quality of horticultural crops are influenced by genetic factors and environmental conditions. However, crops are often exposed to various biotic and abiotic stresses, which negatively impact crop yield and quality. Preventing crop loss due to these factors minimizes the loss of genetic potential, thereby increasing the crop yield and quality. To achieve this goal, we must first understand the physiological and molecular mechanisms of plants' resistance to the damaging effects of biotic and abiotic factors. Second, we must help plants find strategies to cope with biotic and abiotic stresses.

This Special Issue of *Horticulturae* welcomes original research and review studies on new insights into the growth regulation of horticultural crops, including, but not limited to, the following subtopics: the effects of exogenous substance on the growth regulation of horticultural crops exposed to biotic and abiotic stresses, the influence on the production of secondary metabolites, the transcriptional and epigenetic regulation of the growth and development of horticultural products, and strategies for improving crop production and quality.

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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.

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