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Plant Growth Regulators for Improving the Yield and Quality of Horticultural Crops

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Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

Plant growth regulators (PGRs) are plant hormones or compounds with hormone-like activities, and are either naturally occurring or synthetic compounds. They include auxins, gibberellins, cytokinins, abscisic acid, ethylene, brassinosteroids, and jasmonates. Their application can lead to a higher yield, lower susceptibility or increased tolerance against the biotic and abiotic stresses, enhancing of nutraceutical properties, and a uniformity of ripening or development. A better understanding of the mechanisms of action and physiological events triggered by PGR applications is crucial for crop management and quality preservation.

The Special Issue aims to collect research papers and reviews focusing on the mode of action of PGRs and on their effectiveness in improving the yield and quality of produce, both during cultivation and in postharvest. Therefore, research articles, reviews, short notes, and opinion articles related to PGR studies and applications to horticultural crops are welcome for this Special Issue.

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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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