



Studies on Molecular Mechanism of Horticultural Crop Yield

Guest Editor:

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Message from the Guest Editor

The yield of horticultural crops is affected by the external environment, including biotic and abiotic stresses, and is also impacted by gene regulation and the endogenous phytohormones present in genetic characteristics. It is important that plant science analyze the environment and the genetic molecular regulation network of horticultural crop yield. This Special Issue plans to summarize the latest progress in the field of horticultural crop yield control and its application in different fields. We invite researchers to contribute studies, articles and reviews contributions to improve the molecular regulation and genetic improvement of horticultural crop yield.

- molecular regulation mechanism of architecture such as plant height and branching of horticultural crops;
- physiological and molecular mechanisms of phytohormone regulating the yield of horticultural crops;
- the regulation mechanism of the external environment on the yield formation of horticultural crops;
- the regulation of important transcription factors on the yield of horticultural crops;
- application of gene editing technology in yield regulation of horticultural crops;





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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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