Special Issue

Recent Scientific Developments in Genetic Improvement of Vegetables for Resistance to Biotic and Abiotic Stresses

Message from the Guest Editors

Dear Colleague, Biotic stress and unfavorable environment conditions, such as excess light, high and low temperatures, drought, salinity, and deprivation of nutrients, adversely affect plant growth and reduce yield. In recent years, understanding of the biotic and abiotic stress signaling pathways has advanced rapidly. Understanding how vegetables adapt to biotic and abiotic stresses is an interesting question in stress biology and genetic improvement. To sustain vegetable production, it is necessary to understand the genetic, molecular, and physiological mechanisms underlying the adaptation of vegetables to such harsh environments. The purpose of this Special Issue on "Recent Scientific Developments in Genetic Improvement of Vegetables for Resistance to Biotic and Abiotic Stresses" is to present innovative studies on the molecular and physiological mechanisms underlying plant responses to the abovementioned stress conditions. Innovative articles on the genetic improvement of vegetables and the manipulation of essential genes and pathways to improve the tolerance of vegetables to these stress conditions are welcome in 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.

Editor-in-Chief

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