Special Issue

Horticultural Plant Genomics and Biotechnology: Latest Advances and Future Prospects

Message from the Guest Editors

Transgenic and breeding approaches have improved the understanding and ability to develop desirable traits in horticultural crops. However, the majority of progress is limited to model plant/crop systems. Rapidly evolving climate and consumer preferences have facilitated the need for the accelerated and sustainable development of horticultural crops. Genome editing technologies, such as CRISPR/Cas9, have provided potential avenues for the rapid development of horticultural crops based on consumer-driven traits. This can reduce the cost and time required for the development of crop varieties from decades down to a few years. Gene expression studies can aid in the implementation of genome editing technologies for the development of biotic- and abiotic-stress-resistant varieties. This Special Issue will highlight a collection of articles (including original research papers, reviews, and methods) that focuses on current advancements and future prospects of horticultural crop genomics and biotechnology. This would help build bridges and exchange knowledge between research communities working in horticultural sciences across the globe.

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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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