Special Issue

Flavor Biochemistry of Horticultural Plants

Message from the Guest Editors

A deep understanding of plants' biochemical processes is important, not only because they constitute the plant's response system to the environment, but also because they determine the intrinsic qualities that make the plant acceptable to the consumer, such as their flavor. New technological measures during plant growth, harvest, storage, transportation, and commercialization should strive towards the optimization and improvement of the product's safety and flavor, without compromising the yield.

The Special Issue "Flavor Biochemistry of Horticultural Plants", encompasses the relationships between the following topics:
1. New methods or novel identifications and quantifications of flavor markers of horticultural plants;
2. Metabolic pathways that determine primary and secondary metabolites;
3. Technology improvements (biostimulants, nutrition, pruning, rotation, and soil improvements, among others) that influence flavor biochemistry;
4. Variations in soluble or volatile flavor markers during ripening or storage;
5. Influence of pedoclimatic conditions on flavor markers;
6. Consumer perceptions of the quality of products obtained by different technological approaches.

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About the Journal

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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