

Special Issue

Research Progress on Growth and Development Biology of Berry

Message from the Guest Editors

The growth and development of berry crops are regulated through complex interactions between the genetic, physiological, and environmental factors that determine the set, size, ripening, and quality of fruit. Advances in molecular biology, genomics, transcriptomics, metabolomics, and phenotyping, in addition to our significantly improved understanding of these processes, offer new opportunities to enhance the production and quality of berries. This Special Issue aims to provide recent insights into current fundamental and applied research regarding berry growth and developmental processes. It will identify the current knowledge gaps and stimulate innovative approaches to achieve sustainable and resilient berry production. This Special Issue welcomes studies on all berry species, including strawberry, blueberry, raspberry, blackberry, and others. Topics of interest include hormonal regulation, gene networks, cell division and expansion, fruit development and ripening, metabolism, source-sink relationships, and strategies to enhance berry performance and nursery plant quality. Original research articles and high-quality review papers are invited for submission.

Guest Editors

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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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