

Special Issue

A Decade of Research on Vegetable Crops: From Omics to Biotechnology

Message from the Guest Editor

Over the past decade, vegetable crop research has made leaps forward, transitioning from omics sciences, unraveling the genetic and molecular intricacies of plants, to modern biotechnology, applying this knowledge to enhance crop traits. Innovations in genomics, transcriptomics, proteomics, and metabolomics have paved the way for precise gene editing and molecular breeding, leading to improved resistance, yield, and nutritional profiles in vegetables. This convergence of research and technology marks a new era in agriculture, promising sustainable and resilient food production. This Special Issue on “A Decade of Research on Vegetable Crops: From Omics to Biotechnology” aims to present innovative studies, tools, approaches, and techniques that have been successful in addressing the comparative genomics and gene function of vegetable crops.

Guest Editor

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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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Technologies (DiSTeBA), Salento University, Lecce, Italy

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