

Special Issue

Genetics, Genomics and Breeding of Vegetable Crops

Message from the Guest Editors

This Special Issue aims to highlight recent advances in the application of genetic, genomic, and classical breeding approaches to vegetable crops. Recognizing the growing importance of horticulture in the global context of food security and sustainability, we welcome contributions that explore one or more of these issues, including aspects of molecular genetics, functional genomics, or classical breeding. Topics of interest include but are not limited to, functional genomics, gene editing, molecular markers, genetic diversity studies, marker-assisted selection, classical breeding strategies, and the development and evaluation of genotypes aimed at improving productivity and resilience to biotic and abiotic stresses, particularly in the context of climate changes. We also invite the submission of articles emphasizing the impact of these technologies and methodologies on increasing productivity, enhancing nutritional quality, and improving the tolerance of vegetable crops. This Special Issue provides an opportunity to disseminate research and promote the integration of scientific and practical knowledge, contributing to the advancement and sustainability of the horticultural sector.

Guest Editors

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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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Technologies (DiSTeBA), Salento University, Lecce, Italy

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