



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

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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