

Special Issue

Vegetable Biofortification: Strategies, Benefits and Challenges

Message from the Guest Editors

Biofortification entails increasing the concentration of nutrients in the edible parts of plants during plant growth, rather than during crop processing, with the aim of enhancing the nutritional quality of plant-based food. The biofortification of plants can be carried out using biotechnology, crop breeding, or fertilization strategies. Most of the crops used for biofortification include staple crops, such as cereals and vegetables. The proposed Special Issue on “Vegetable Biofortification: Strategies, Benefits and Challenges” aims to present the results of recent research studies or review papers in this field. We welcome the submission of original studies on the biofortification strategies and physiology of biofortified vegetables, grown in open fields or in protected cultivation. Manuscripts on evaluating the sustainability of biofortification and the bioavailability of nutrients contained in biofortified vegetables will also be considered. We look forward to receiving your manuscripts and sharing the outcomes with the scientific community.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2023)



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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
Department of Biological and Environmental Sciences and
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