



Vegetable Biofortification: Strategies, Benefits and Challenges

Guest Editors:

Dr. Beatrice Pezzarossa

Research Institute on Terrestrial
Ecosystems, CNR, 56124 Pisa,
Italy

Dr. Martina Puccinelli

Department of Agriculture, Food
and Environment, University of
Pisa, 56124 Pisa, Italy

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and
Environmental Sciences and
Technologies, Università del
Salento, Centro Ecotekne, Via
Provinciale Lecce Monteroni,
73100 Lecce, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (*Horticulture*) / CiteScore - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI