

## Special Issue

# Improving Nutritional and Functional Quality of Horticultural Crops Through Biofortification Approaches

### Message from the Guest Editors

Biofortification has become a key strategy for enhancing the nutritional and functional value of horticultural crops, contributing to food security, sustainability, and human health. While agronomic biofortification through the application of mineral fertilizers and biostimulants offers a practical method for improving micronutrient content and crop performance, conventional breeding and genome editing (e.g., CRISPR/Cas) are expanding opportunities to achieve more targeted and durable enhancements. This Special Issue focuses on biofortification strategies which use either agronomic, genetic, biotechnological tools, or a combination thereof to improve yield, resilience and the accumulation of health-promoting compounds in horticultural crops. We welcome original research and reviews addressing nutrient dynamics, soil-plant interactions, genotype  $\times$  environment  $\times$  management (G  $\times$  E  $\times$  M) interactions, and innovative fertilization or genome-based techniques. Potential topics may include enhancement of micronutrients and phytochemicals, metabolic and transcriptional responses, improvement of postharvest quality, and contributions to the development of functional foods.

### Guest Editors

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### Deadline for manuscript submissions

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### Editor-in-Chief

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