



## Grafting to Improve Yield and Quality of Vegetable Crops

Guest Editor:

**Dr. Federica Caradonia**

Dipartimento di Scienze della  
Vita, Università di Modena e  
Reggio Emilia, Via J.F. Kennedy,  
17 I, 42122 Reggio Emilia, Italy

Deadline for manuscript  
submissions:

**closed (20 January 2022)**

### Message from the Guest Editor

Grafting, as the vascular connection of two living tissues coming from different plant species and genotypes, allows the combination of desirable traits present on different plant species or genotypes into a single plant. The use of rootstock has the potential to improve traits on elite scions, such as growth, development, and fruit yield and quality. Selected rootstocks can also improve crop tolerance to soil-borne pathogens and abiotic stresses, consequently reducing crop losses and the need for external inputs. Finally, crop efficiency can be increased by combining different crop species in order to harvest more than one final product from the same plant, for instance, by grafting tomato into potato plants.

This special issue focuses on the use of innovative rootstock genotypes and the most recent progress on vegetable grafting techniques. Original research papers, communications and review articles are welcome.





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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/horticulturae](https://mdpi.com/journal/horticulturae)  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)  
[X@Horticult\\_MDPi](https://twitter.com/Horticult_MDPi)