Special Issue

New Insights into Rootstock - Scion Interactions in Horticultural Crops

Message from the Guest Editors

Rootstock–scion interactions may manifest in the agronomic features of grafted plants, which are essential for modern horticulture, including wide adaptability to pedo-climatical conditions, tolerance, or resistance to biotic and abiotic stress factors. On the other hand, phenotype modifications of the scion may improve the vegetative and generative characteristics of varieties through growth control, phenology, cropping efficiency, fruit quality and decreased sensitivity to pest and disease. All of these agronomic features are based on physiological processes involving metabolite production, hormonal flux and interactions, the uptake and transport of water and nutrients, or the scion's gene expression. This Special Issue, "New Insights into Rootstock–Scion Interaction in Horticultural Crops", aims to present state-of-the-art research from around the world. Innovative studies are welcome considering the above complex topics of scion–rootstock interactions, from agronomic applicable features to the physiology of composite plants grown from a graft union.

Guest Editors

Prof. Dr. Hrotkó Károly

Dr. Darius Kviklys

Dr. Geza Bujdoso

Dr. Noémi Kappel

Deadline for manuscript submissions

closed (14 July 2023)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/108579

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/horticulturae

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/journal/horticulturae

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 Technologies (DiSTeBA), Salento University, Lecce, Italy

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 - Q1 (Horticulture)

MDPI