



New Insights into Rootstock - Scion Interactions in Horticultural Crops

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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.





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Message from the Editor-in-Chief

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