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Molecular and Physiological Responses of Kiwifruit to Abiotic and Biotic Stresses

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Deadline for manuscript submissions:
closed (31 March 2025)

Message from the Guest Editors

Dear Colleagues,

Actinidia Lindl., also called “Mihoutao” in China, is one of the four most successful fruit trees that were artificially domesticated and cultivated from the wild in the 20th century. The genus *Actinidia* originated in China; however, currently, there are 23 countries that produce kiwifruit. China, Italy, New Zealand, Iran, Greece and Chile account for 94% of the world's kiwifruit production. In recent years, the prevalence of KVDS (Kiwifruit Vine Decline Syndrome) and PSA (Pseudomonas *s*yringae pv. *a*ctinidiae) in multiple countries has seriously constrained the healthy development of the industry. Breeders and producers are increasingly paying attention to resistant varieties (rootstocks and scions) with outstanding comprehensive traits, especially resistance to environmental stress and pathogenic bacteria. This Special Issue will highlight the molecular and physiological responses of kiwifruit to abiotic (such as salinity, alkali, waterlogging, drought, etc.) and biotic (such as PSA, rot, etc.) stresses, especially resource identification, gene discovery, resistance mechanism, rootstock–scion interaction, etc.

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Editor-in-Chief

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Message from the Editor-in-Chief

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