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Molecular Breeding and Stress Physiology in Horticultural Crops

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Message from the Guest Editors

Horticultural crops play an irreplaceable role in the human diet and health, also bringing considerable economic benefits; they are widely grown all over the world, but their yield and quality are largely influenced by the limitation of breeding technology and climate changes. Therefore, developing novel breeding strategies, improving the agronomic traits of horticultural crops and enhancing resistance to environmental stresses have been hot research topics in recent years.

Thanks to the development of molecular biotechnology, the underlying mechanisms that regulate the biological development and stress response of horticultural crops have been gradually elucidated. This has laid the foundation for us to develop excellent horticultural crops.

This Special Issue aims to collect scientific works (original research articles, reviews, opinions and communications) related to molecular breeding, quantitative genetics, stress physiology in horticultural crops and research studies that address the main constraints of horticultural crop production.



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Special Issue



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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