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Regulation of Crop Quality and Stress Responses

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Deadline for manuscript
submissions:

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Message from the Guest Editors

The studies on mechanisms of crop stress physiology and quality formation are an important basis for breeding high-quality and stress-resistant varieties. Changes in physical, chemical, and biological environmental factors in the nature all have impacts on the processes of crop physiology, biochemistry, and growth and development. Moreover, global climate change is leading to a frequent occurrence of extreme climates, which puts forward higher requirements for the adaptability of crops to biotic and abiotic stresses. On the other hand, crop adversity adaptability is closely related to the quality of agricultural products. Therefore, understanding the mechanisms that crops use to respond to environmental changes is of great significance to improve their quality. In view of this basic proposition, this Special Issue will select and publish related research papers (or reviews) on topics including rice, wheat, cotton, barley, rapeseed, soya bean, corn, and vegetables. The contents are very diverse, reflecting the active and meaningful explorations carried out by scholars at home and abroad in order to achieve the goal of high-quality and stress-resistant breeding.



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Special Issue



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Message from the Editor-in-Chief

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