

## Special Issue

# Regulation of Crop Quality and Stress Responses

### 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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### Guest Editors

Prof. Dr. Mingxun Chen

Prof. Dr. Lixi Jiang

Dr. Yuan Guo

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### Deadline for manuscript submissions

closed (20 June 2023)



## Plants

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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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### Editor-in-Chief

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