



Cellular and Molecular Mechanisms Governing Stress Response in Plants

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Message from the Collection Editors

Plants have an extraordinary capability to survive even in very adverse and dramatically changing conditions. Throughout their evolution, plants have learned to cope with multiple environmental stresses (abiotic and biotic) by evolving complex and interconnected strategies to, first, sense and signal stresses, and, second, activate a wide array of molecular, cellular, and physiological changes, and ultimately modulate their growth and development.

This Special issue deals with all aspects of abiotic and biotic stress response in plants. In addition to plants, other photoautotrophs, including lichens, algae, and cyanobacteria, are very welcome. In addition to articles focusing on the molecular response to stress through a battery of processes such as epigenetic modifications, or changes in transcription, translation, and post-translational modifications, we also welcome articles highlighting the organization of molecular events via liquid–liquid phase separation under abiotic and biotic stress conditions. We aim to collect high-quality research articles, communications, and review articles in this field.





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