Special Issue

Mastering Resilience: A Comprehensive Exploration of Plant Stress Responses through Omics Profiling

Message from the Guest Editors

Embarking on a nuanced exploration of plant stress responses, the forthcoming Special Issue promises a deep dive into plant adaptation processes. This collection of scientific contributions, exploring plants from various corners of the world, aims to unravel the intricate molecular events that coordinate plant responses to a range of stressors, utilizing advanced omics profiling techniques. Leading experts in the field contribute cutting-edge research spanning genomics, transcriptomics, proteomics, metabolomics and other omics tools. These approaches unveil a holistic understanding of the molecular mechanisms that empower plants to withstand environmental challenges. We also welcome literature reviews that synthesize valuable information on the “omics + plants + stress response” topic. This Special Issue is poised to be a great resource for researchers, providing a comprehensive overview of the latest advancements in omics profiling and its implications for deciphering and enhancing plant resilience. Join us in unraveling the molecular tapestry that defines the resilient nature of plants, shaping the future of plant science and its applications.

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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.

Editor-in-Chief

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