



Exploring Plant Responses to Stress and Disease

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Message from the Guest Editor

Plants are continuously exposed to a multitude of abiotic and biotic stress factors. Understanding how plants perceive and respond to these stressors is of the utmost importance to ensuring sustainable agricultural practices and mitigating crop losses. Additionally, uncovering the molecular, physiological, and genetic mechanisms underlying plant defenses against diseases holds great potential for developing novel strategies for disease management.

We welcome original research articles, reviews, and perspectives that explore a wide range of topics, including but not limited to:

1. Phenotypic responses to stress and diseases.
2. Molecular and genetic basis of stress tolerance in plants.
3. Signaling pathways involved in stress perception and response.
4. Physiological and biochemical adaptations to abiotic and biotic stresses.
5. Defense mechanisms against pathogens and pests.
6. Interactions between plants and beneficial microbes for stress alleviation.
7. Novel technologies and approaches for studying plant stress responses.
8. Strategies for enhancing stress tolerance and disease resistance in crops.





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Message from the Editor-in-Chief

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