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Recent Advances in Plant Genes for Abiotic Stress Resistance

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Message from the Guest Editors

Dear Colleagues,

Abiotic stress, including but not limited to heavy metal pollution, drought, extreme temperature, salinity, element deficiency, etc., has an important influence on plant growth and development. In order to adapt to abiotic stress, plants respond at different scales (genetics, physiology, morphology, function, etc.). Research activity on plant genetics for abiotic stress resistance not only has the aim to understand the molecular mechanisms of plant response to adverse environments, but also the basis for application (e.g., phytoremediation, resistance breeding).

To understand the advances in plant genetics regarding abiotic stress resistance, we have launched this Special Issue. We welcome research on all aspects of abiotic stress biology, including fundamental insights into the understanding of plant responses to abiotic stresses and the use of biotechnological and other strategies to improve the resistance/tolerance of plants to abiotic stresses. Of course, related bioinformatics research (e.g., software development) is also within the scope of our publications.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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