

Special Issue

Molecular Mechanisms of Abiotic Stress Tolerance in Crop Plants

Message from the Guest Editors

The mechanisms of stress tolerance are sophisticated and may vary in different cells, tissues, and organs. Central to future plant breeding is improving stress tolerance while at the same time maintaining high and stable yields. The cultivation of hitherto underutilized crops, or even the establishment of completely new crops through integrative approaches of genome and -omics research, can help to maintain and improve global food security under the increasingly harsh conditions of climate change. Additionally, research on plants growing in marginal locations can help to develop crops adapted to climate change. For the Special Issue, we expect contributions with original research results as well as review articles on relevant and, if possible, little-addressed topics. Further, opinion papers with interesting views on future research are welcome.

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