

## Special Issue

# Regional Adaptation of Crop Plant in Response to Environmental Stress

### Message from the Guest Editor

Abiotic stress has been becoming a major threat to food security due to the constant climate changes and environment deterioration. To cope with abiotic stress, sessile plants can initiate a number of molecular, cellular, and physiological changes to respond and adapt to such stresses. Better understanding of the plant acclimation and adaptation to environmental fluctuations will aid in the development of climate resilient plants. Rice (*Oryza sativa* L.) is a major staple food for approximately one-half the world's population, and also a model crop for molecular studies in monocotyledonous plants with accumulated knowledge and techniques.

The papers submitted to this Special Issue should report original research that addresses the underlying molecular mechanisms of the crop plant in response to a wide range of abiotic stress, along with cross-talking with flowering genes that are also involved in increasing adaptability in adverse environment. Multidisciplinary approaches with genetic, molecular, physiological, biochemical, and systems biology perspectives are greatly appreciated.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2020)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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