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## Genetic and Epigenetic Changes in Plant Response to Abiotic Stress

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Deadline for manuscript  
submissions:

**closed (31 July 2021)**

### Message from the Guest Editor

Dear Colleagues,

The current global climate crisis raises habitual drought, high salinity, and abnormal temperatures (heat and cold), which have become a serious threat to crop productivity. Plants have evolved various strategies to cope with such stress conditions by exhibiting many physiological changes through the regulation of gene expression.

The genetic and epigenetic changes can be memorized and transmitted to newly developed cells during vegetative growth, and even inherited by the next generation of plants. Understanding the molecular mechanisms underlying stress memory and transgenerational inheritance might provide new methods for breeding higher-quality crops that can withstand adverse climatic conditions.

This Special Issue will focus on the genetic and epigenetic changes in plant responses to various abiotic stresses. Contributions regarding other related topics aimed at understanding the molecular mechanisms of abiotic stress tolerance responses in plants are also welcomed, including reviews and original research articles.



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# Special Issue



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## Message from the Editor-in-Chief

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