Special Issue

Regulatory Network of Crop to Environmental Stress: Genetic and Biochemical Characterization

Message from the Guest Editor

Abiotic stresses, which include heavy metals, salinity, aluminum, drought, waterlogging, and extreme temperature, are major constraints in global agricultural soils that limit crop growth and reduce both crop productivity and quality. Improving crop abiotic stress tolerance is of great significance to ensure food safety production around the world. Thus, strategies are needed for crops to improve their adaptation to abiotic stresses. Therefore, this Special Issue, entitled "Strategies for Enhancing Abiotic Stress Tolerance in Crops", aims to highlight a range of reviews, perspectives and research articles on:

- Plant growth regulators for improving abiotic stress tolerance in crops and their physiological and molecular mechanisms;
- Understanding of the genetic architecture and identification of the genetic loci underlying abiotic stress tolerance using QTL methods;
- Identification of key genes responsible for abiotic stress tolerance;
- Molecular strategies to enhance abiotic stress tolerance using genome editing and overexpression technology;
- Big data analysis.

Considering your expertise in the field, we would like to invite you to submit related papers to us.

Guest Editor

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Message from the Editor-in-Chief

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