



Molecular Mechanisms of Plant Defense against Abiotic Stress 2.0

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Deadline for manuscript
submissions:

15 May 2024

Message from the Guest Editor

Dear Colleagues,

The abiotic stress factors, limit plant growth and crop productivity. These factors alter morphological, physiological and biochemical processes of the plants, as their intensity, frequency and duration increase as a result of climate change. In recent years, extensive studies have been made to understand the effects and mechanism of tolerance of plants to environmental stressors, but the exact mechanisms are not fully understood. It is well known that plant species have different sensitivity to stress factors. For this reason, evaluating the impact of abiotic stress factors on the growth, physiology and biochemistry of the different plant species are of great importance. Having in mind, that photosynthesis is strongly affected by abiotic stress factors, it is very important to study their influence structure and functions of the photosynthetic apparatus.

This Special Issue aims to show the molecular mechanisms of plant adaptation to various abiotic stressors, such as salinity, drought, temperature, ultraviolet radiation and heavy metal on the photosynthesis.





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Message from the Editor-in-Chief

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