

Special Issue

Molecular Mechanisms of Plant Defense against Abiotic Stress 2.0

Message from the Guest Editor

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.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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