

Special Issue

Abiotic Stress and Gene Networks in Plants 2020

Message from the Guest Editor

Abiotic stress leads to abnormalities in cellular homeostasis which have detrimental effects on growth and development. Being sessile organisms, plant abiotic stress signaling is a key element to better understanding plant acclimation and adaptation to environmental fluctuations. Autophagy; non coding small RNAs, such as microRNAs; and Long non coding RNAs (LncRNAs), considered as the mechanism in plants, have been associated with plant abiotic stress responses and are known to have novel roles in stress signaling and gene networks. Hence, in this Special Issue, these major elements of abiotic stress signaling will also be covered and addressed along with the pathway and, in the light of recent discoveries, a putative, state-of-art role. "Abiotic Stress and Gene Networks in Plants" will address the underlying molecular mechanisms of a wide range of abiotic stress, including micronutrient deficiencies, using tools and technologies available.

Guest Editor

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