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Abiotic Stress Signaling and Responses in Plants

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Deadline for manuscript submissions:

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Message from the Guest Editors

Plants live in constantly changing environments and face a series of abiotic stresses that are detrimental to plant growth and crop productivity. These abiotic stresses include drought, high-salinity, cold, hot, nutrient starvation and toxic metals. To cope with these stresses, plants have evolved particular strategies to respond and adapt to a certain stress. Yet, the understanding of molecular mechanisms underlying plant abiotic stress responses is still limited, hence restricting the molecular breeding towards improving stresses tolerance.

This Special Issue of Life, entitled “Abiotic Stress Signaling and Responses in Plants”, aims to focus on the latest research progress on the molecular bases of plants responding to different abiotic stresses and the relevant signaling pathways, as well as advanced techniques that help to enhance breeding or abiotic stress concerned research. The scope of this Special Issue covers a wide range of research on abiotic stresses from model plants to specific crops. Authors are welcomed to submit both articles and review papers.



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Special Issue



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Message from the Editor-in-Chief

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