



Study of the Influence of Abiotic and Biotic Stress Factors on Plants

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Deadline for manuscript
submissions:

31 August 2021

Message from the Guest Editors

In contrast to their inability to escape from adverse environmental conditions, plants have developed a vast range of adaptations which allow them to cope with unfavorable agents successfully. These stresses are of different nature and are commonly divided into abiotic (physical and chemical factors) and biotic ones.

By being able to better understand the common and distinctive processes taking place in the plant organism and their cross-connections, we will be able to protect plants and apply better solutions to achieve optimal growth parameters. Moreover, such knowledge can be further employed in plant biotechnology to accomplish the desired environmental and industrial goals.

This Special Issue aims to provide deeper insight into the influence of stress factors at the cellular, tissue, organ, and whole plant level in order to extend future applicational features. Both non-modified and genetically modified plants are acceptable. Especially welcome are approaches combining stresses and applications of a wide range of fields, from anatomy, through biochemistry, physiology to molecular biology and genetics.





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Message from the Editor-in-Chief

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