



Physiological Aspects of Plant Response to Pathogens and Abiotic Stress

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Message from the Guest Editors

Reprogramming of metabolic pathways during plant growth and development is well documented in the literature. However, the environmental biotic and abiotic stimuli exert changes in plant primary and secondary metabolites and functioning of various physiological processes. Plant pathogens, i.e., viruses, bacteria, and fungi causing diseases, trigger different immune responses and influence the physiological state of host plants. Similarly, abiotic stresses such as heavy metals, fluctuation of temperature, light intensity, or deficiency in macro- and micronutrients can cause changes in plant physiological processes, redirecting them to defensive mode. Moreover, so-called cross-stress or multistress, caused by the simultaneous influence of more than one stress factor, e.g., combination of biotic and abiotic stresses, can also affect plant physiology.

We welcome original research papers and reviews on all aspects of plant physiology under the influence of various biotic and/or abiotic stresses.





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Message from the Editor-in-Chief

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