

Special Issue

Plant Metabolic Responses to Biotic and Abiotic Stress

Message from the Guest Editors

Given the ever-growing world population and considering the climate change crisis that is unfolding, we strongly believe that it is timely to discuss challenges and opportunities for the effect of stress conditions on crop yield. As sessile organisms, plants must cope with abiotic stress (soil salinity, drought, and extreme temperatures) and biotic stress (nematode, pathogenic bacteria infection). In addition, the efficiency of water and fertilizer systems also plays a crucial role in improving crop yield. With this Special Issue, we aim to compile the latest knowledge of plant response to biotic and abiotic stresses and to highlight the shortcomings and knowledge gaps of our understanding of the underlying processes. Based on this, we will lay the ground for future research to contribute to this important field of plant science.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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