

Special Issue

Plant Physiology: From Omic Analysis toward Physiological Mechanism Research

Message from the Guest Editors

Plant physiology is influenced by a combination of internal and external factors that have led to the remarkable, diverse functions. Recent progress in understanding the proximate basis of plant physiology has revealed a myriad of underlying mechanisms, ranging from genomics and epigenomics to transcriptomics, proteomics and metabolomics. This focus issue calls for review or research articles, short letters, and reports that provide novel insights into plant physiological mechanism research. The issue will be centered on timely topics, including molecular and physiological mechanisms of character improvement, responses to biotic and abiotic stresses, hormonal and environmental signaling, and postharvest. We welcome research using cutting-edge technologies such as genomics, ATAC-seq, and genome editing. We encourage the publication of research papers with significant innovative technologies and creative ideas related to plant physiology. In addition, we will invite experts in plant physiology to write up-to-date review articles to highlight recent advances and future perspectives.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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