

Special Issue

Plant Physiology: From Omic Analysis Toward Physiological Mechanism Research: 2nd Edition

Message from the Guest Editors

This second volume of this Special Issue follows on from the success of the first. Plant physiology is influenced by a combination of internal and external factors that have led to remarkable and 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 Special Issue calls for review or research articles that provide novel insights into physiological mechanism research on plants. The Special Issue will be centered on current topics, including molecular and physiological mechanisms of character improvement, responses to biotic and abiotic stresses, hormonal and environmental signaling, and postharvest mechanisms. We welcome research using cutting-edge technologies such as genomics, ATAC-seq, and genome editing. We encourage the publication of research papers reporting 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

Dr. Sen Meng

State Key Laboratory of Tree Genetics and Breeding, Research Institute of Tropical Forestry, Chinese Academy of Forestry, Guangzhou 510520, China

Dr. Fang He

College of Forestry, Sichuan Agricultural University, Ya'an, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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