

Special Issue

Genetic Regulations for Plant Photosynthesis

Message from the Guest Editors

This Special Issue covers genetic and molecular basics, which will potentially lead to an improvement in the photosynthetic capacity of plants, either under laboratory condition or field condition. Any genetic approaches including QTL analysis, GWAS, mutant analysis and transgene are acceptable to understand molecular factors of photosynthesis. A focus on not only leaf-level photosynthesis but also canopy-level photosynthesis and photosynthesis of other organs is acceptable for this Special Issue. Furthermore, our scope includes new high-throughput phenotyping technologies to enable the screening of a great number of plant accessions and mutants.

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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, 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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