



Chloroplast 2.0

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Message from the Guest Editor

Dear colleague,

Chloroplasts are at the front line of many advances in molecular biology, ranging from evolutionary biology to the mechanism of energy transduction, and also includes stress responses and programmed leaf death. In addition to the relevance of basic knowledge, advances are unveiling promising insights to improve plant productivity, disease resistance, and environmental control.

The new issue focused on chloroplasts is intended to continue with the successful quantity and quality of papers in the previous issue. Papers submitted to the second Special Issue must report high novelty results and/or plausible and testable new models. The molecular basis of the conversion of light to chemical energy in photosystems is a reference topic. In addition, the structure and function of other components of the photosynthesis machinery, plastid genomic, plastid biogenesis and senescence, metabolism, reactive oxygen species and membrane transport are also of interest, with a special emphasis on the gene level and evolutionary comparisons. Significant advances in chloroplast transformation are also welcome.





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Message from the Editor-in-Chief

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