

# Special Issue

## Chloroplast 2.0

### 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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### Guest Editor

Prof. Dr. Bartolome Sabater

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### Deadline for manuscript submissions

closed (21 July 2019)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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