

## Special Issue

# Photosynthesis and Stress Signaling

### Message from the Guest Editor

Photosynthesis performed in the chloroplasts of green plants is inarguably one of the most important biological processes on earth. However, land plants constantly suffer from multiple unfavorable or even adverse environmental conditions (e.g., intense light, drought, low/high temperature, nutrient limitation, pathogen infection) that eventually disturb photosynthesis.

Meanwhile, chloroplasts sense environmental fluctuations and transmit a signal to the nucleus via a process known as retrograde signaling to cope with unfavorable conditions. This Special Issue focuses on elucidating the underlying mechanism that explains how environmental stress factors affect photosynthesis and the role of chloroplasts in sensing stress and transmitting stress signals. We welcome all types of submissions related to photosynthesis.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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