

Special Issue

Respiration and Photosynthetic Function in Plants

Message from the Guest Editor

This Special Issue focuses on recent advances in photosynthesis, respiration and photorespiration in plants including ecological, physiological, cellular and molecular perspectives. Special emphasis is given to (photo)respiratory and photosynthetic metabolism and how it links to plant carbon and water budget, natural isotope mass balance, nutrient assimilation, or long-distance transport via phloem export, redistribution and unloading. Technological advances are also considered including new-generation gas exchange measurements or the application of omics to disentangle physiological regulations of photosynthesis and respiration.

Guest Editor

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Deadline for manuscript submissions

closed (30 March 2025)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/218054

*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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