

Plant Physiology®

Call for Papers

2021 Focus Issue on Redox Biology

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Plants organize a multiplicity of different reactions in which reactive molecular species, redox modifications, and redox proteins act to regulate cellular homeostasis. Recent studies elucidate the organization and biological significance of this complex redox network *in planta*. They indicate emerging roles of thiol redox regulation, reactive oxygen, and nitrogen species in integrating metabolism, environmental acclimation, stress responses, and plant development. This focus issue on Redox Biology will capture up-to-date views and perspectives of these recent developments, and will highlight important gaps in understanding the involved processes to catalyze future studies. Invited Updates will review areas that continue to add new and pertinent insights and highlight nascent and transformative areas of future development. We seek submissions of research articles on novel biochemical and physiological aspects of thiol redox regulation, reactive oxygen/nitrogen species, and antioxidant metabolism in the context of environmental acclimation, stress responses, and development.

Authors interested in contributing should indicate this in the cover letter when submitting papers online at <http://pphys.msubmit.net>. Please select "Plant Redox Biology" from the Focus Issue list in the online submission system. Articles published in Plant Physiology on this topic within 2 years before and after the Focus Issue publication date will be collected in an online Focus Collection.

To submit an article, go to <http://pphys.msubmit.net/>.

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