Special Issue

Nitric Oxide in Plant Stress and Physiology

Message from the Guest Editors

Nitric oxide (NO) has evolved as a key gasotransmitter in living systems. A growing number of investigations have shown the significance of NO in the regulation of developmental processes and in the response against (a)biotic processes. Indeed, it is involved in the maintenance of cellular homeostasis readjusting the redox state of multiple targets that tailor adaptive response to changing conditions. NO can modify a great variety of biomolecules, including nucleic acids, proteins, and fatty acids. Consequently, these modifications can lead to a biochemical reprogramming that impacts plant growth and how plants can respond to stressful situations. This Special Issue of *Plants* will gather articles converging on the study of the effects and molecular mechanisms underlying stress physiology responses mediated by nitric oxide.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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