



Oxidative Stress in Plants

Guest Editor:

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Deadline for manuscript
submissions:

closed (5 November 2022)

Message from the Guest Editor

Dear Colleagues,

We are calling for primary research papers and reviews from researchers and specialists in the field of oxidation systems in plants. All plant species are subjected to abiotic and biotic stresses that can be fatal. Such factors include excessive UV B radiation, extreme environmental temperatures, water deficiency, salinity, atmospheric pollution, chemical pesticides, heavy metal toxicity, and pathogenic infection. A common element of all causes of oxidative stress is the formation reactive oxygen species (ROS), and if they are not in balance with endogenous antioxidants, it can result in the alteration of cell constituents—such as proteins, lipids, nucleic acids, and plant metabolites—that eventually results in cell death. Submissions can relate to primary mechanisms or problems relevant to individual species or groups of species such as cereals, fruits, vegetables, nuts, medicinal crops, silviculture, flowers, and indigenous plants. Of particular interest are topics such as prevention and management of plant oxidation as well as its effects on cropping.

Dr. Stan Kailis

Guest Editor





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Message from the Editor-in-Chief

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