Special Issue

Plant Sulfur Network

Message from the Guest Editor

Sulfur is an inorganic nutrient essential to plant growth and development. It has roles in both primary as well as secondary plant metabolism, whilst its deprivation results in molecular, biochemical, and morphological responses in plants. Sulfur is a constituent of proteins in the form of methionine and cysteine. Sulfur-containing compounds play key roles in the oxidative metabolism of cells. In brief, the sulfur network within the plant is extensive and complex. The Special Issue will cover all aspects of sulfur homeostasis in plants and its role in plant growth and development. In this context, we will include research focusing on sulfur uptake, translocation, assimilation, distribution, and utilization in terms of primary and secondary metabolism, as well as on the roles of sulfur in plant morphology and anatomy. Emphasis will be placed on the interaction of sulfate and other sulfur-containing compounds with other inorganic nutrients, as well as with metabolites and hormones. The roles of sulfur-containing compounds in signal transduction pathways will also be highlighted. Original research articles and review articles are welcome.

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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