



Changes and Adaptations of the Plant Metabolism under Elemental Nutrient Deficiencies

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Nutrient elements are integral to a range of physiological and metabolic processes within plants, including photosynthesis, respiration, energy metabolism, and signal transduction. They serve as essential building blocks for the growth, development, yield, and quality of plants. Nutrient elements are actively involved in the biosynthesis of plant metabolites and are crucial in the stress response, resistance, and intricate interplay between plants and their environment. This Special Issue aims to showcase recent advancements regarding the elucidation of the significance of nutrient elements and their deficiencies.

We welcome the submission of original research papers, reviews, communications, and opinion papers devoted to the changes and adaptations of the plant metabolism under elemental nutrient deficiencies. Understanding the crucial role that nutrient elements play in plant growth and development is valuable for genetic breeding and optimal fertilizer usage





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Message from the Editor-in-Chief

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