



plants



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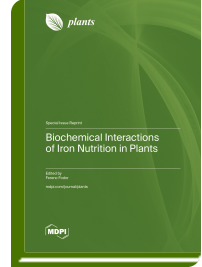
Biochemical Interactions of Iron Nutrition in Plants

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Iron is an essential micronutrient. Plants acquire iron from the soil, and its uptake, transport, and assimilation have been intensively studied for the last few decades. The basic mechanisms of root iron uptake, the biochemical processes of iron assimilation, and the major components of the genetic background of iron homeostasis and its regulation have been revealed. Important topics have emerged, such as the correction of iron deficiency, biofortification, the interaction of iron with other elements, and the interaction of plants with fungi and bacteria affecting iron acquisition. This Special Issue, “Biochemical Interactions of Iron Nutrition in Plants”, addresses existing knowledge gaps and provides insight into some current research areas through eleven peer-reviewed papers.



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