

Molecular aspects of iron metabolism in pathogenic and symbiotic plant–microbe associations

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Abstrak

This book offers a comprehensive analysis of iron's various roles in the plant-microbial associations. The introductory chapter stresses the essentiality of iron in biological systems. The second chapter surveys the abundance of information on iron's pivotal role in microbial plant pathogenesis and defence. Finally, the third chapter reviews the advances in our understanding of iron metabolism in the rhizobia, soil bacteria able to establish a symbiotic association with legumes and carry out nitrogen fixation.