Ref. 576.119 214 CRC

CONTENTS

Detection, Determination Isolation, Characterization and Regulation of Microbial Iron Ch	ielates l
Structures, Coordination Chemistry and Functions of Microbial Iron Chelates	15
Specificity of Iron Transport in Bacteria and Fungi	65
Genetics of Bacterial Iron Transport	107
Pyoverdins and Pseudobactins	139
Molecular Genetics of Siderophore Biosynthesis in Fluorescent Pseudomonads	155
Aqueous Solution Equilibrium and Kinetic Studies of Iron Siderophore and Model Sidero	phore
complexes	177
Isolation and Spectroscopic Identification of Fungal Siderophores	235
Synthesis of Catecholamide and Hydroxamate Siderophores	271
Biomimetic Siderophores	309
Therapeutically Useful Iron Chelators	339
Index	357