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Titolo	Actinobacteria : diversity, applications and medical aspects // edited by Wael N. Hozzein
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ISBN	1-80355-097-X
Descrizione fisica	1 online resource (274 pages)
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Nota di contenuto	1. On the Selective Isolation of Actinobacteria from Different Mexican Ecosystems -- 2. Actinobacteria Associated with Marine Invertebrates: Diversity and Biological Significance -- 3. Studies on Endophytic Actinobacteria as Plant Growth Promoters and Biocontrol Agents -- 4. Antimicrobials: Shift from Conventional to Extreme Sources -- 5. Multiplicity in the Genes of Carbon Metabolism in Antibiotic-Producing Streptomyces -- 6. Metabolites from Actinobacteria for Mosquito Control -- 7. Anti-Quorum Sensing Compounds from Rare Actinobacteria -- 8. Application of Actinobacteria in Agriculture, Nanotechnology, and Bioremediation -- 9. Biosurfactant Production by Mycolic Acid-Containing Actinobacteria -- 10. A Laboratory-Scale Study: Biodegradation of Bisphenol A (BPA) by Different Actinobacterial Consortium -- 11. Actinomycosis: Diagnosis, Clinical Features and Treatment -- 12. Diagnosis of Actinomycosis in the Physician's Clinic -- 13. Immune Response during Saccharopolyspora rectivirgula Induced Farmer's Lung Disease.
Sommario/riassunto	This book provides in-depth insights into the diversity of actinobacteria, their various medical aspects, and their biotechnological applications. It is aimed at graduate students and researchers working with actinobacteria who need to know about recent advances in their research fields. The book, which is divided into four sections, contains 13 chapters that review the most recent methods, discuss various applications of actinobacteria, introduce some interesting results, and explore future prospects for the topics covered.

