

1. Record Nr.	UNINA9910253949303321
Titolo	Biology and Biotechnology of Actinobacteria / / edited by Joachim Wink, Fatemeh Mohammadipanah, Javad Hamedi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-60339-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VII, 395 p. 80 illus., 41 illus. in color.)
Disciplina	579.3
Soggetti	Bacteriology Microbiology Microbial genetics Microbial genomics Applied Microbiology Microbial Genetics and Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Cellular structure of actinobacteria -- Growth and life Cycle of actinobacteria -- Classification and taxonomy of actinobacteria -- Genetic of actinobacteria -- Ecology and habitat distribution of actinobacteria -- Physiology of actinobacteria -- Regulation of secondary metabolites of actinobacteria -- Symbiosis and pathogenisity of actinobacteria -- The role of actinobacteria in biotechnology -- Practical aspects of working with Actinobacteria -- Post genomic studies and systems biology of actinobacteria: a brief overview.
Sommario/riassunto	This book provides in-depth insights into the biology, taxonomy, genetics, physiology and biotechnological applications of Actinobacteria. It especially focuses on the latter, reviewing the wide variety of actinobacterial bioactive molecules and their benefits for diverse industrial applications such as agriculture, aquaculture, biofuel production and food technology. Actinobacteria are one of the most promising sources of small bioactive molecules and it is estimated that only a small percentage of actinobacterial bioactive chemicals have

been discovered to date. Identifying new diverse gene clusters of biotechnological relevance in the genome of Actinobacteria will be crucial to developing advanced applications for pharmaceutical, industrial and agricultural purposes. The book offers a unique resource for all graduate students, researchers and practitioners in the fields of microbiology, microbial biotechnology, and the genetic engineering of Actinobacteria. .

2. Record Nr.	UNICAMPANIAVAN00030075
Autore	Brause, Rita S.
Titolo	Writing your doctoral dissertation : invisible rules for success
Pubbl/distr/stampa	London, : Falmer, 1999
ISBN	07-507-0796-8
Descrizione fisica	160 p. ; 24 cm.
Disciplina	808.066378
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia