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Titolo	Proteobacteria : phylogeny, metabolic diversity and ecological effects / / Maria L. Sezenna, editor
Pubbl/distr/stampa	New York, : Nova Science, c2011
ISBN	1-61122-150-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (178 p.)
Collana	Microbiology research advances
Altri autori (Persone)	SezennaMaria L
Disciplina	614.5/7
Soggetti	Gram-negative bacteria Bacteria
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Phylogeny and activity of proteobacteria in sediments from Lake Furnas / Gilberto Martins ... [et al.] -- Proteobacteria forming nitrogen-fixing symbiosis with higher plants / Encarna Velazquez ... [et al.] -- Proteobacteria and the endosymbiotic origin of mitochondrion / Yu-Juan Zhang, Jian-Fan Wen -- Interpreting diversity of proteobacteria based on 16S rRNA gene copy number / Konstantinos Ar. Kormas -- A harsh life to indigenous proteobacteria at the Andean Mountains : microbial diversity and resistance mechanisms towards extreme conditions / Virginia Helena Albarracin ... [et al.] -- Molecular structure of a chromate resistance determinant of pseudomonas sp. Tik3 and its expression in different proteobacteria strains / Sofia Mindlin, Mayya Petrova, Zhosephine Gorlenko -- Sulfhydryl glycoconjugates produced by filamentous sheath-forming members of SS-proteobacteria / Minoru Takeda.
Sommario/riassunto	Proteobacteria are a major group (phylum) of bacteria. They include a wide variety of pathogens, such as Escherichia, Salmonella, Vibrio, Helicobacter, and many other notable genera. Others are free-living, and include many of the bacteria responsible for nitrogen fixation. This book presents current research from across the globe in the study of proteobacteria, including phylogeny and activity of proteobacteria in sediments from Lake Furnas; proteobacteria forming nitrogen-fixing symbiosis with higher plants; proteobacteria and the endosymbiotic origin of mitochondrion; and interpreting diversity of proteobacteria

based on 16S rRNA gene copy number.

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