

1. Record Nr.	UNINA9910131416203321
Titolo	Advances and new perspectives in marine biotechnology Marine microbes & metagenomes . Volume 2 [[electronic resource] /] / Paul F. Long, Bernie Degnan and Pabulo H. Rampelotto (Eds.)
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI AG - Multidisciplinary Digital Publishing Institute, , 2015
Descrizione fisica	1 online resource (xxiv, 630 pages) : illustrations; digital, PDF file(s)
Collana	Advances and new perspectives in marine biotechnology ; ; volume 2
Soggetti	Marine biotechnology Marine microbiology Marine microbiology - Research Metagenomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This book is a printed edition of the Special Issue Advances and New Perspectives in Marine Biotechnology that was published in Marine Drugs"--publisher's webpage.
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	As the Century of Biology begins to bear fruit, through the translation of predictive biological understanding into applications that enhance the human condition and maintain biodiversity, the almost infinite potential of marine biological resources will be unlocked. Although Marine Biotechnology already has delivered products for medicine, food, bioenergy, nanomaterials, and bioremediation, less than 5% of our vast oceanic environment has been explored. Marine Biotechnology is a scientifically and economically expanding enterprise that is poised to harness the enormous but uncharted functional diversity of marine life, with its novel and rich array biodesigns and biosynthetic capabilities. From this pursuit comes new genes, chemicals, materials and inspirations for the benefit of industry, nutrition, medicine and the sustainable use and management of the world's oceans. This Special Issue in Marine Drugs highlights the cutting-edge developments in Marine Biotechnology with a collection of papers written by authors who are leading experts in the field including selected papers from the

10th International Marine Biotechnology Conference (IMBC-2013), the premier meeting in marine biotechnology under the auspices of the International Marine Biotechnology Association.
