

1. Record Nr.	UNINA9910647244003321
Titolo	Marine Natural Product Chemistry : A Themed Issue Dedicated to Prof. Dr. Peter Proksch on His Research Career / / edited by Bin-Gui Wang, Chang-Yun Wang, RuAngelie Edrada-Ebel
Pubbl/distr/stampa	[Place of publication not identified] : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2023
ISBN	3-0365-6162-5
Descrizione fisica	1 online resource (306 pages)
Disciplina	579.8177
Soggetti	Marine natural products
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	About the Editors vii -- Preface to "Marine Natural Product Chemistry: A Themed Issue Dedicated to Prof. Dr. Peter Proksch on His Research Career" ix -- Looking Back at My Years in Marine Natural Products Chemistry 1 -- Impact of Co-Culture on the Metabolism of Marine Microorganisms 3 -- Marine Microbial Fibrinolytic Enzymes: An Overview of Source, Production, Biochemical Properties and Thrombolytic Activity 27 -- Apoptotic Activity of New Oxisterigmatocystin Derivatives from the Marine-Derived Fungus <i>Aspergillus nomius</i> NC06 41 -- Chemical Constituents of the Deep-Sea-Derived <i>Penicillium solitum</i> 51 -- Secondary Metabolites with -Glucosidase Inhibitory Activity from Mangrove Endophytic Fungus <i>Talaromyces</i> sp. CY-3 59 -- Marine Power on Cancer: Drugs, Lead Compounds, and Mechanisms 73 -- Anthraquinones, Diphenyl Ethers, and Their Derivatives from the Culture of the Marine Sponge-Associated Fungus <i>Neosartorya spinosa</i> KUFA 1047 † 93 -- Structures and Biological Activities of Diketopiperazines from Marine Organisms: A Review 115 -- Four New Chromones from the Endophytic Fungus <i>Phomopsis asparagi</i> DHS-48 Isolated from the Chinese Mangrove Plant <i>Rhizophora mangle</i> 151 -- Marine Polysaccharides as a Versatile Biomass for the Construction of Nano Drug Delivery Systems 161 -- Antiproliferative Illudalane Sesquiterpenes from the Marine Sediment Ascomycete <i>Aspergillus oryzae</i> 177 -- Characteristic Volatile

Composition of Seven Seaweeds from the Yellow Sea of China 187 --
Metabolites with Anti-Inflammatory Activity from the Mangrove
Endophytic Fungus *Diaporthe* sp. QYM12 201 -- Preparation, COX-2
Inhibition and Anticancer Activity of Sclerotiorin Derivatives 211 --
Phenylhydrazone and Quinazoline Derivatives from the Cold-Seep-
Derived Fungus *Penicillium oxalicum* 229 -- Antimicrobial and
Antioxidant Polyketides from a Deep-Sea-Derived Fungus *Aspergillus*
versicolor SH0105 239 -- Progress in Research on Bioactive Secondary
Metabolites from Deep-Sea Derived Microorganisms 251 --
Antibacterial Alkaloids and Polyketide Derivatives from the Deep Sea-
Derived Fungus *Penicillium cyclopium* SD-413 277 -- Lipopeptide
Epimers and a Phthalide Glycerol Ether with AChE Inhibitory Activities
from the Marine-Derived Fungus *Cochliobolus lunatus* SCSIO41401
285.

Sommario/riassunto

Marine Drugs is very pleased to host a Special Issue in honour of Prof. Dr. Peter Proksch, who served as Editor in Chief for Marine Drugs from 2005 to 2009, for his excellent research contribution.
