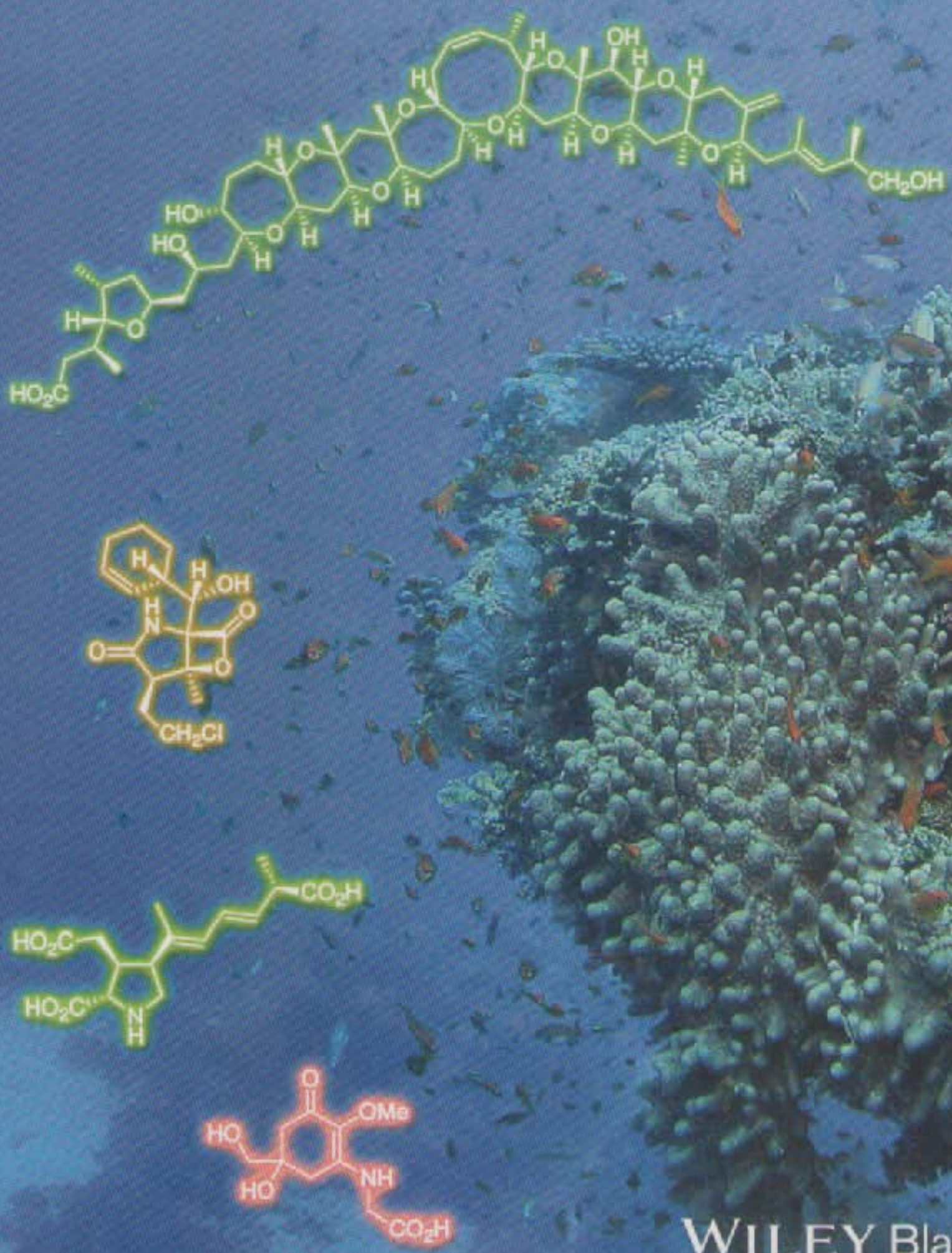
Outstanding Marine Molecules

Chemistry, Biology, Analysis

Edited by Stéphane La Barre and Jean-Michel Kornprobst



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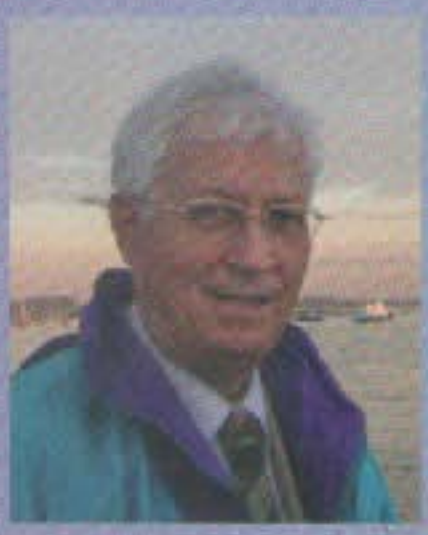
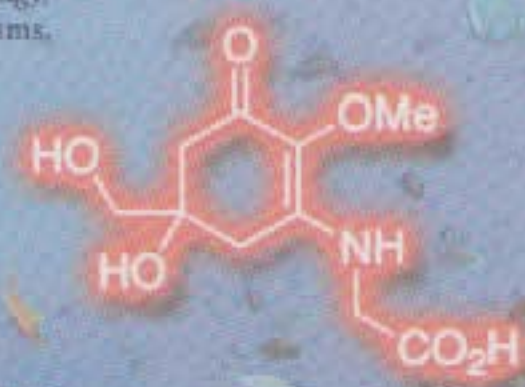
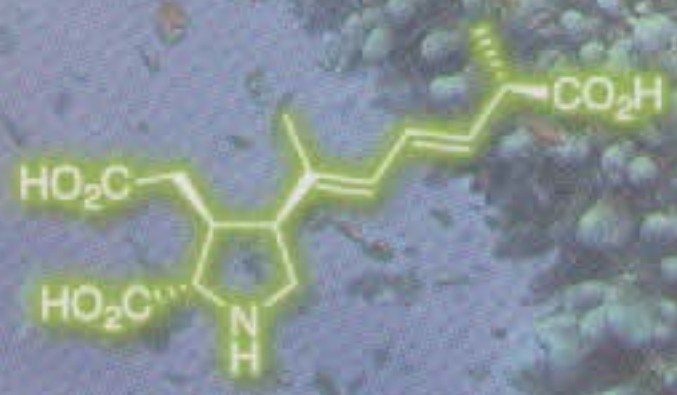
Using a number of outstanding examples, this text introduces readers to the immense variety of marine natural compounds, the methodologies to characterize them, and the approaches to explore their industrial potential. Care is also taken to discuss the function and ecological context of the compounds.
Meticulously produced and easy to read, this book serves students and professionals wishing to familiarize themselves with the field, and is ideally suited as a course book for both industry and academia.

Stéphane La Barre is a senior research scientist at the Centre National de la Recherche Scientifique in France. He gained his MSc from Auckland University, New Zealand, and his PhD from James Cook University, Townsville, Australia, before joining CNRS in 1984. His multi-disciplinary career includes marine chemical ecology, natural products chemistry of terrestrial and marine organisms, and polymer chemistry. Dr. La Barre is currently the coordinator of the research cluster BioChiMar (Marine Biodiversity and Chemodiversity), and is investigating novel analytical tools to evaluate and predict environmental change affecting coral reef diversity, both biological and chemical.



Emeritus professor at the University of Nantes, France, since 2003, **Jean-Michel Kornprobst** has a chemical engineering degree from Montpellier University and a PhD from the University of Lyon. After being assistant professor at the University of Paris 7 from 1970 to 1973, he became professor of organic chemistry at the University of Dakar, Senegal, where he worked on marine natural products before joining the University of Nantes in 1990. Professor Kornprobst has over 100 publications and three books to his name, and was responsible for two research programs on mariculture in Doha, Qatar, and Jeddah, Saudi Arabia. He has recently been an invited professor at the universities of Louvain-la-Neuve, Belgium, Campinas, Brazil, and Blida, Algeria, and is currently an external member on the scientific advisory board of the Marine Biotechnology Research Center in Québec, Canada.





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