

Special Issue

Structure, Function and Biotechnology Potential of Marine Proteins

Message from the Guest Editor

Marine ecosystems have a high diversity of living organisms that contribute to human nutrition and health. Marine proteins are extremely valuable natural resources with important properties and numerous health beneficial effects. These compounds play a major role in the development and growth of body tissues, and are associated with several functional properties. In recent years, significant advances have led to the structural and functional characterisation of a variety of marine-derived proteins and peptides isolated from microorganisms, algae, invertebrates, and fish. Recent trends in functional feeds and foods have provided evidence for the role of bioactive molecules in the prevention and therapy of animals and human diseases. These bioactive molecules are reported to have biological activities such as antihypertensive, hypocholesterolemic, antibiotic, antiparasitic, antiviral, anti-inflammatory, antioxidant, and anticancer activities. This Special Issue will include recent research targeting the structural and functional characterisation of marine-derived proteins and peptides and their biotechnology potential in commercial application.

Guest Editor

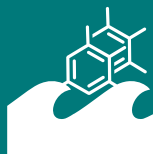
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Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

Prof. Dr. Bill J. Baker

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