



Marine Skeletal Biopolymers and Proteins 2

Guest Editor:

Dr. Azizur Rahman

Center for Climate Change
Research, University of Toronto
(ONRamp at UTE), Toronto, ON,
Canada

Deadline for manuscript
submissions:

closed (6 May 2022)

Message from the Guest Editor

Marine skeletal biopolymers and proteins have a great potential application in the medical field. The skeletal biopolymers include chitin and chitosan, collagen, cellulose, and various polysaccharides. The marine skeletal proteins, for instance, calcium-binding proteins, marine enzymes, and various candidate proteins for drug discovery from the calcifying marine organisms, due to their broad spectrum of biological functions into biopolymer and protein-based drugs and bioactivities, such as anticancer, antimicrobial, bone tissue regeneration, antioxidant, and anti-aging activities, bioactive skeletal proteins and biopolymer, have recently gained a great amount of interest in the pharmaceutical, nutraceutical, and cosmeceutical industries. Marine skeletal proteins are also a very rich source of amino acids, which are essential for building good health.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Bill J. Baker

Department of Chemistry,
University of South Florida, 4202
E. Fowler Ave., CHE 205, Tampa,
FL 33620-5250, USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Embase](#), [PubAg](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmacology, Toxicology and Pharmaceutics (miscellaneous)*)

Contact Us

Marine Drugs Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/marinedrugs
marinedrugs@mdpi.com
X@Marine_Drugs