Special Issue

Collagen and Chitin from Marine Resources and Their Interdisciplinary Applications—2nd Edition

Message from the Guest Editor

Following the success of the first edition this Special Issue, “Collagen and Chitin from Marine Resources and Their Interdisciplinary Applications”, we are delighted to announce its second edition. Marine collagen and chitin have great potential applications in drug discovery, drug delivery, wound healing, tissue engineering, antiaging, and environmental fields. These two biopolymers also exhibit similar hierarchical structural organizations. After cellulose, chitin is the world's second-most important polymer and has been identified in bacteria, fungi, plants, and marine invertebrates. Chitin can also be enzymatically deacetylated to chitosan, a more flexible and soluble biopolymer. It has many applications, including in the biomedical, environmental, and agricultural sectors. Similarly, nature is a source of massive quantities of collagen, especially in marine organisms. Collagen is the main fibrous structural protein in animals' extracellular matrix and connective tissue. It contributes greatly to biotechnology products and medical applications. As the of this Special Issue, I would like to invite you to submit recent innovations for these two biopolymers.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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

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