



Collagen from Marine Biological Source and Medical Applications

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Message from the Guest Editors

Dear Colleagues,

Collagen is the main fibrous structural protein in the extracellular matrix and connective tissue of animals. Recently, collagen-based biomedical materials have developed an important and clinically effective materials. However, collagen extraction from land animal source is complex, time consuming and expensive. Hence, marine sources have started to be researched and found to be the most convenient and safest source for obtaining collagen.

Marine source has also got plenty advantages over the land animal sources such as: High content of collagen; environment friendly; presence of biological contaminants and toxins almost negligible and much more. This source includes the use of marine invertebrates and vertebrates, such as sponges, coralline red algae, sea urchin, octopus, squid, jellyfish, cuttlefish, star fish, sea anemone, and prawn. Therefore, a huge source of marine collagen is expected to make a great contribution to marine biotechnology products and medical applications.





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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.

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