



Marine Functional Food Products - Cardiovascular Diseases 2021

Guest Editor:

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closed (30 April 2021)

Message from the Guest Editor

Cardiovascular diseases (CVDs) are the most crucial non-communicable diseases being responsible for almost 30% of total deaths globally. Over the past decades fish consumption has been related to beneficial effects against CVDs, mainly attributed to omega-three polyunsaturated fatty acids. Additionally other marine lipid sources, such as krill oil (the most abundant biomass on earth due to its reproductive capabilities), have been found to exert anti-inflammatory activity and thus anti-atherosclerotic activity; inflammation is closely linked to the pathogenesis of atherosclerosis. Furthermore, it has been reported that the cardio-protective properties of marine lipids can be attributed to biologically active lipid micro-constituents that exert anti-thrombotic action. Moreover, fish nutrients also contain proteins, amino acids and peptides that mainly contribute to lipid metabolism regulation, along with vitamin D, selenium and taurine that exert beneficial effects on cardiovascular risk factors.





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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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