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Marine Fatty Acids-2021

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Deadline for manuscript
submissions:

closed (15 May 2021)

Message from the Guest Editors

Fatty acids constitute a large proportion of biological material in marine systems, where they are the key constituents of the lipids that compose cellular membranes and energy reserves. Certain fatty acids, such as the long-chain polyunsaturated fatty acids, are synthesised primarily by marine organisms, although recent insights are continuing to advance in our understanding of fatty acid metabolism. Moreover, fatty acids are known to exert wide-ranging biological activities in marine organisms and their consumers, including varied roles in gene regulation, signalling and defence against microbes, and they themselves can be substrates for the synthesis of bioactive derivatives. These properties of fatty acids and molecules derived thereof may be exploited in the development of new bioactive products and materials, including those for high-value applications.

Following the success of Marine Fatty Acids Special Issues of Marine Drugs in 2013 and 2016, researchers and scholars are invited once more to contribute original research reports and reviews for inclusion into this latest Marine Fatty Acids Special Issue of the journal. Accepted manuscripts will be published Open Access.



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Special Issue



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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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