



Marine Natural Products Modulating the Immune System

Guest Editor:

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Message from the Guest Editor

Marine organisms have been a source for bioactive compounds and several drugs that are currently in wide use. The availability of novel analytical methods, as well as the acknowledgement that marine organisms can provide not only therapeutic but also nutritional resources, has boosted research in the field. A major use of marine organisms and marine organism extracts is the modulating of immune responses, to suppress inflammation, boost anti-tumor immune responses, or affect metabolism and therefore immune-mediated diseases. Our understanding of the contribution of the immune system in the development of diseases has grown, and the impact of marine organism-derived extracts or marine organisms themselves as nutritional supplements on these mechanisms is currently being elucidated. The aim of this Special Issue is to promote research in the field and highlight the importance of marine organisms in health as modulators of the immune system. Work describing the selective action of compounds isolated from marine organisms on the therapy of immune-related diseases or as nutritional supplements supporting health will also be included in this 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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