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Bioactive Compounds from Coral Reef Organisms

Guest Editor:

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Deadline for manuscript
submissions:

closed (1 January 2020)

Message from the Guest Editor

Dear Colleagues,

Although coral reefs occupy less than 0.1% of the world's ocean surface in tropical and subtropical zones, we know that they provide habitat for 25% of all marine organisms. This highly bio-diverse ecosystem presents a number of species interacting with the environment and with each other in a competition for life resources including food, space and sunlight. The invertebrates, associated bacteria and marine plants living in this habitat have proven to be the source of secondary metabolites with peculiar molecular structures and mostly showing remarkable biological activity that make them promising candidates for new drug discovery.

This Special Issue will report results on coral reef natural products involved at any level of the production of drugs, from their isolation to structural characterization, from chemical synthesis to preliminary biological investigation and more advanced pharmacological evaluation. I would like to invite you to submit articles on your current research on this topic, as well as critical overview works of the existing literature.

Prof. Ines Mancini

Guest Editor



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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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