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Genomics-Guided Drug Discovery from Ocean Microbiome

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Message from the Guest Editors

The ocean microbiome presents an untapped source for natural product discovery. Novel integrated approaches that combine genomics, metabolomics, and synthetic biology strategies are recently applied to harness the chemical potential of the microbiome for targeted natural product discovery. This Special Issue invites articles from both genomics- and synthetic biology-enabled studies on ocean microbiomes with a focus on natural product discovery and characterization. We particularly welcome articles that combine genomics, metabolomics, and synthetic biology approach for the discovery of marine bacterial natural products.

Deadline for manuscript submissions:

closed (30 June 2022)



mdpi.com/si/128437

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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