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Marine Drugs Research in Russia

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Message from the Guest Editor

The diversity of species in the vast oceanic environment represents the virtually limitless potential of marine biological resources. Marine organisms possess a great range of chemical compounds exhibiting various biological activities that may have implications for human health. In Russia, there are a number of scientific schools developing the fundamental ideas laid down by their founders that use the huge, but still unexplored, diversity of marine life with its newly discovered substances and biosynthetic potential. These research teams, having the unique natural resources of the Pacific Ocean available, develop and implement advanced ideas, search for new substances, investigate chemical structures, carry out chemical synthesis of analogues, test biological activities, and design novel drugs for the benefit of health, nutritional science, and medicine.

This Special Issue aims to cover the progress in searching for organisms rich in bioactive compounds and studying promising molecules isolated from unique natural resources.

We welcome the submission of comprehensive/brief reviews, original research papers, and communications.



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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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