

Special Issue

Marine Antiviral Agents

Message from the Guest Editor

Despite the considerable progress made in recent years in virology, infectious human, animal, and plant viral diseases remain as worldwide problem. Effective controls and the treatments available for many infectious diseases are limited, and the need for new drugs is demonstrated, due to the increasing emergence of resistance to these available treatments. Knowledge of how to control viruses affecting aquaculture is scarce. The use and application of chemicals and antibiotics and their residual effects remain problematic. Marine organisms (bacteria, fungi, seaweeds, invertebrates, etc.) represent a rich source of chemical diversity for the screening and identification of new compounds with antiviral properties. This Special Issue focuses on new information from present research on marine natural and synthetic compounds with antiviral potentials. Special attention will be paid to innovative track explorations, the development of new biotechnology in aquaculture, the development of innovative antiviral probiotics, eco-friendly processes of extraction and purification, the relationship between structure and activity, and the synthesis of new marine antiviral compounds.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Bill J. Baker

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