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Antimicrobial and Antiviral Agents from Marine Sources

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to the late Professor Ernesto Fattorusso, for his pioneering work in the area of Marine Natural Products.

The misuse and overuse of antibiotics in human and veterinary medicine and agriculture, as well as unsuitable waste management, have resulted in substantially increased antimicrobial resistance, with associated bacterial persistence. Associated with this problem is the massive use of antibiotics as a COVID-19 (co)treatment worldwide, which is predicted to add to the ongoing emergence of antimicrobial resistance.

This Special Issue aims to incorporate original research articles on the discovery of secondary metabolites of marine origin with antimicrobial and antiviral potential and recent reviews on previously reported marine compounds with antimicrobial and/or antiviral activities, as well as diverse applications of these antimicrobial and or antiviral secondary effects in drug development, as agrochemicals, and in other applications.

Prof. Dr. Lamiaa Shaala
Prof. Dr. Diaa Youssef
Guest Editors

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Editor-in-Chief

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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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