Special Issue

Marine Algal Compounds with Antimicrobial Activities

Message from the Guest Editor

Photosynthetic organisms represent an important source of bioactive compounds that can be exploited in pharmaceutical and nutraceutical sectors. In the marine environment, macroalgae and microalgae are among the main reported sources of marine natural products for discovering novel drugs. Widely distributed, they can survive in extreme conditions and produce highly diverse secondary metabolites, including terpenoids, peptides, and fatty acid derivatives. The focus of this Special Issue is on novel metabolites from algae that show promising bioactivities, particularly against resistant bacteria and viruses. The recent COVID-19 pandemic highlighted the need for antiviral drugs. On the other hand, the difficulties encountered in the treatment of infections caused by microorganisms no longer responding to antimicrobial medicines necessitate the discovery and selection of more effective antibiotics. Original research studies and literature reviews on algal-derived novel chemical structures with promising activities to fight antimicrobial resistance (AMR) are welcome.

Guest Editor

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Deadline for manuscript submissions

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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

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