Special Issue

Application of Bacteriophages in Marine Environments

Message from the Guest Editor

Bacteria are continually evolving into antibiotic-resistant strains due to their extraordinary ability to adapt to changes in their environment and displaying extraordinary combat strategies to survive despite continuously improved antibiotic mechanisms of actions. Alternative therapies are thus gaining importance, and one effective such therapy is “Bacteriphage Therapy”. However, in order to use them as potent therapeutic agents, phages with targeted activities have to be isolated. This can only be achieved by improving our understanding of the phage–host interactions in natural environments. One of these natural environments is the marine one—in particular, the marine sediments that support bacterial life are proven to contain a significant number of phages.

The Special Issue is intended to capture the advances and fill the gaps within the current literature to be able to contribute toward an improved understanding of marine bacteriophages and in turn their use in treatments of bacterial diseases.

Guest Editor

Dr. Ipek Kurtboke

School of Science, Technology and Engineering, University of the Sunshine Coast, Maroochydore, QLD 4558, Australia

Deadline for manuscript submissions

closed (31 August 2021)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/36062

Marine Drugs
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

mdpi.com/journal/marinedrugs

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/journal/marinedrugs

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
Department of Chemistry, University of South Florida, 4202 E. Fowler Ave., CHE 205, Tampa, FL 33620-5250, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))

MDPI