Special Issue

Marine-Derived Bioactive Nanoparticles and Their Biological Application

Message from the Guest Editors

The growing interest in nanomedicine and its applications for various biological activities necessitates the search for raw materials to formulate nanomaterials. Plankton, algae, fungi, bacteria, invertebrates, fish, and marine mammals, among others, are rich sources of bioactive compounds that have a promising future in the pharmaceutical and biotechnological industries. Due to their ease of availability, low cost of production, biocompatibility, and minimal cytotoxicity towards eukaryotic cells, marine-derived materials, either entire extracts or pure components, are used in the synthesis of nanoparticles.

The proposed Special Issue is devoted to the use of marine-inspired biomaterials in the manufacture of nanoparticles and their applications in the treatment of infectious and non-infectious diseases. This is an emerging research topic that is well suited for marine drugs, and we aim to receive publications (research and review papers) dealing with new discoveries in the field.

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Deadline for manuscript submissions

closed (30 June 2023)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/119213

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mdpi.com/journal/marinedrugs

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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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