

Special Issue

Marine-Derived Polymers for Tissue Engineering and Drug Delivery Applications

Message from the Guest Editor

The current challenges that humanity faces have led to the design and development of advanced materials with multiple properties that can address the variety and complexity of health problems from a more environmentally friendly perspective. In this context, polymers/materials obtained from any marine source represent a significant advantage, not only due to their natural origin, which grants them excellent biocompatibility and degradability, but also due to their diverse properties, including antibacterial, bioactive, anticoagulant, antiviral, anti-inflammatory, mucoadhesive, and immunomodulatory effects, among others. This Special Issue focuses on research on innovative systems based on marine-derived polymer products, alone or in combination with other polymers or inorganic materials, including their fabrication, characterization, and utilization, promoting their biomedical application, primarily in drug delivery and tissue engineering, as well as any other strategies to solve critical challenges in engineering and medicine. Therefore, original research articles, reviews, perspectives, and opinion pieces covering the most recent studies and advances are highly welcome.

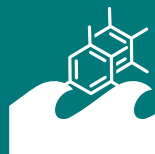
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Deadline for manuscript submissions

31 January 2026



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

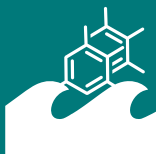


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About the Journal

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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