

Special Issue

Marine-Derived Biomaterials for Tissue Regeneration

Message from the Guest Editors

The processing of different materials derived from marine origin organisms has been explored in order to design of a broad range of medical applications, specifically in tissue engineering. Polymers and polysaccharides have been preferred for soft-tissue applications, while minerals like biosilicates and calcium phosphates, as well as composites, have found use in the regeneration of hard tissues. The present Special Issue aims to gather new insights on the latest advances in using marine biomass for the production of bio(functional) biomaterials, thus sitting at the interface between blue and red biotechnologies.

Guest Editors

Dr. Tiago H. Silva

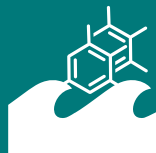
1. 3B's Research Group, I3Bs—Research Institute on Biomaterials, Biodegradables and Biomimetics, University of Minho, Headquarters of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine, Barco, 4805-017 Guimarães, Portugal
2. ICVS/3B's—PT Government Associate Laboratory, Braga, 4805-017 Guimarães, Portugal

Dr. Gabriela S. Diogo

3B's Research Group, I3Bs—Research Institute on Biomaterials, Biodegradables and Biomimetics, University of Minho, Headquarters of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine, AvePark, Parque de Ciência e Tecnologia, Zona Industrial da Gandra, 4805-017 Guimarães, Portugal

Deadline for manuscript submissions

closed (30 June 2025)



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.7
CiteScore 11.6
Indexed in PubMed



mdpi.com/si/172019

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

[mdpi.com/journal/
marinedrugs](https://mdpi.com/journal/marinedrugs)





Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.7
CiteScore 11.6
Indexed in PubMed



[mdpi.com/journal/
marinedrugs](https://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))