

Special Issue

Biotechnological Applications of Marine Enzymes, 2nd Edition

Message from the Guest Editors

Following the success of the first edition of this Special Issue, "*Biotechnological Applications of Marine Enzymes*", we are delighted to announce its second edition. Due to the increased commercial demand for more efficient enzymes to optimize industrial processes, many studies are now focusing on discovering new, renewable, and environmentally sustainable enzyme sources. This trend is also reflected in the growing number of publications on this issue, particularly regarding the use of marine microorganisms as sources of novel enzymes. Recent advances in omics technologies have resulted in an increase in molecular data for in silico identification of enzymes, heterologous expression, and successive production, uncovering new enzymes of interest. This Special Issue aims to collect new and impactful high-quality papers, including reviews and articles, directly related to various aspects of marine-derived enzymes and their possible applications

Guest Editors

Dr. Pasquale De Luca

Research Infrastructure for Marine Biological Resources Department (RIMAR), Stazione Zoologica Anton Dohrn, 80121 Naples, Italy

Dr. Chiara Lauritano

Department of Ecosustainable Marine Biotechnology, Stazione Zoologica Anton Dohrn, Via F. Acton 55, 80133 Naples, Italy

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



mdpi.com/si/228758

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 5.4
CiteScore 10.1
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))