



Marine Resources Application Potential for Biotechnological Purposes, Volume II

Guest Editors:

Dr. Marco F. L. Lemos

Dr. Sara C. Novais

Dr. Susana F. J. Silva

Dr. Carina Félix

Deadline for manuscript
submissions:

closed (10 December 2022)

Message from the Guest Editors

Dear Colleagues,

Blue biotechnology plays a major role in converting marine biomass into societal value and is therefore a key pillar for many marine economy developmental frameworks and sustainability strategies: the Blue Growth Strategy, diverse Sea Basin Strategies. Food and feeds, and high-revenue cosmeceutical, pharma, biomedical markets, and others, are increasingly more important for marine biocompounds, which hold a myriad of unexploited uses, as they have often been demonstrated to contain molecules with a plethora of bioactivities, ranging from antioxidant to anti-inflammatory, tissue-specific protection, antimicrobial, anti-tumoral, antifouling, and texturizer, among many others.

This Special Issue will cover review articles, short communications and research papers addressing marine resources' in vitro and/or in vivo biological activities, which may present high applicability and potential for industrial purposes

- applied biotechnology
- bioactive secondary metabolites
- biological assay
- blue biotechnology
- marine biomass
- marine natural products





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Ei Compindex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)