Special Issue

Biotechnology of Algae

Message from the Guest Editors

Algae are a diverse group of organisms with a vital role in the marine environment. Whereas microalgae constitute the basis of the marine and aquatic food chain, macroalgae provide countless coastal ecosystem services. Both significantly contribute to global primary production and play an important role in carbon sequestration. Algae are considered green cell factories as they provide a wide pool of biomolecules, cellular functions, and physiological features, with vast biotechnological potential. Hence, this Special Issue will focus on algal technologies, methodologies, products, and services with efforts towards a blue economy. We welcome the submission of research articles, review articles, and short communications about marine algae (cyanobacteria, microalgae, and seaweeds) biotechnology, including:

- Algal ecoservices;
- Biorefinery strategy;
- Circular bioeconomy:
- New species or improvement of known species;
- Optimization of high-value compounds;
- Optimization of cultivation/production of algal biomass and their products.

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Deadline for manuscript submissions

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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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