Special Issue

Biotechnology Applications of Microalgae

Message from the Guest Editor

Microalgae are currently an inexhaustible source of a great variety of bioactive compounds. That is why they have acquired a great relevance in different biotechnological related industries as a source of products and services: food, feed and aquaculture, nutraceutical, pharmacological, biomedical, cosmetics, agriculture, energy or environmental processes. The plasticity of these organisms allows us to modify culture conditions in order to improve the performance, synthesis and accumulation, of the target compounds. However, the low profitability in the production of these compounds due to technical and economic issues associated to the development of cultivation and downstream processes have made some recent projects to fall by the wayside. In this sense, new technological advances are of the utmost importance for the industry to develop and be able to compete in quality and profitability with other current alternatives. In addition, they will allow opening new possibilities and paths for upcoming biotechnological applications.

Guest Editor

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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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