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Micro- and Macroalgal Compounds in Cosmetics

Guest Editor:

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Message from the Guest Editor

Oceans' diverse ecosystems have driven a variety of biological adaptations and represent a great source of new products potentially useful for many biotechnological applications. Among the organisms living in oceans, algae (microalgae and seaweeds) offer a variety of safe, biocompatible, biodegradable, and valuable renewable products with specific biological functions, which can be exploited for several commercial purposes, including cosmetic and cosmeceutical ones.

These algae are rich in proteins, carbohydrates, mycosporines and mycosporine-like amino acids, pigments, fatty acids, polyphenols, vitamins, and oligo-elements such as copper, iron, and zinc. All these molecules can find roles in biological tissue hydration, firming, slimming, shining, antioxidation, and UV protection.

The aim of this Special Issue is to provide recent reviews and research articles on compounds produced by marine algae, highlighting the production and/or extraction methods to recover them, their characterization, and their potential applications in the cosmetic and cosmeceutical fields.



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Special Issue



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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.

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