Special Issue

Algae-Powered Skincare: Innovations in Marine-Derived Cosmeceuticals

Message from the Guest Editor

Marine macroalgae are a rich source of bioactive compounds with transformative potential in cosmeceutical applications. This Special Issue will highlight cutting-edge research into the extraction, characterization, and application of macroalgal-derived compounds in skincare. Emphasis will be placed on their multifunctional properties, including antioxidant, anti-aging, anti-inflammatory, UV-protective, and anti-hyperpigmentation effects. Of particular interest are studies that explore the molecular mechanisms underlying these bioactivities, as well as innovative approaches to sustainable extraction and formulation. Hyperpigmentation will be a focal area, with contributions examining macroalgal compounds that regulate melanogenesis and promote an even skin tone. Submissions bridging traditional uses of marine algae in dermatology with modern scientific validation are also encouraged. This Special Issue aims to provide a platform for interdisciplinary studies that advance the understanding of marine algae-derived cosmeceuticals, fostering innovation at the intersection of marine science, biotechnology, and skincare.

Guest Editor

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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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