



an Open Access Journal by MDPI

Microalgae and Age-Related Diseases: New Innovative Approaches to Age-Old Problems

Guest Editors:

Dr. D. Craig Willcox

Dr. Richard C. Allsopp

Dr. Bradley Willcox

Dr. Giovanni Scapagnini

Deadline for manuscript
submissions:
closed (30 June 2024)

Message from the Guest Editors

Dear Colleagues,

Today, an increasing number of individuals are impacted by long-term chronic illnesses, such as cardiovascular and/or neurodegenerative disorders, diabetes, hypertension, liver disease, and chronic kidney disease, among others. Despite the advances in therapeutic approaches made in recent years, age-related ailments continue to pose a significant risk to human health. Therefore, it is crucial to create innovative treatment methods, including the development of new medications.

A plethora of novel biomolecules derived from Microalgae have the potential to exhibit antioxidant, antibacterial, antitumor, regenerative, antihypertensive, neuroprotective, and immunostimulating effects, making them crucial to the biomedical and pharmaceutical industries.

This Special Issue seeks to gather fresh and compelling high-quality manuscripts, such as research articles and comprehensive reviews, that focus on age-related diseases and the use of therapies utilizing biomolecules and extracts derived from microalgae. Studies involving human subjects or animal models are permissible.

Dr. D. Craig Willcox

Dr. Richard C. Allsopp

Dr. Bradley Willcox

Dr. Giovanni Scapagnini

Guest Editors



mdpi.com/si/192145

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Bill J. Baker

Department of Chemistry,
University of South Florida, 4202
E. Fowler Ave., CHE 205, Tampa,
FL 33620-5250, USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Embase](#), [PubAg](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))

Contact Us

Marine Drugs Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/marinedrugs
marinedrugs@mdpi.com
[X@Marine_Drugs](#)