

an Open Access Journal by MDPI

Marine Amino Acids

Guest Editors:

Prof. Dr. Antonio Sanchez-Amat

Department of Genetics and Microbiology, University of Murcia, Murcia, Murcia, Spain

Prof. Dr. Patricia Lucas-Elio

Department of Genetics and Microbiology, University of Murcia, Murcia, Murcia, Spain

Deadline for manuscript submissions:

closed (30 April 2018)

Message from the Guest Editors

Dear Colleagues,

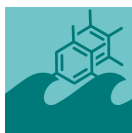
Amino acids play essential roles in organisms. Proteinogenic amino acids are used by all life forms as the building blocks for the synthesis of proteins. Through evolution, organisms have evolved to use amino acids, both proteinogenic and non-proteinogenic, in different ways. In this regard, the use of a wide arrange of chemically diverse amino acids for the synthesis of secondary metabolites through the activity of non-ribosomal peptide synthetases (NRPS) is very relevant.

This Special Issue “Marine Amino Acids” in *Marine Drugs* aims to cover different aspects related to amino acid utilization and metabolism in sea waters. Amino acids originated from organisms can be detected as part of Dissolved Organic Matter (DOM) in oceans. A better knowledge of their origins, cycling and metabolism will help to understand their products. Amino acids are also precursors of many important marine secondary metabolites, which will be also covered in this Special Issue.



mdpi.com/si/9644

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 & Pharmacy*) / CiteScore - Q1 (*Pharmacology, Toxicology and Pharmaceutics (miscellaneous)*)

Contact Us

Marine Drugs Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/marinedrugs
marinedrugs@mdpi.com
X@Marine_Drugs