Special Issue

Modified Nucleosides and Nucleotides of Marine Origin

Message from the Guest Editor

Modified nucleosides synthesized by microorganisms and capable of inhibiting the growth of other microorganisms are named nucleoside antibiotics, able to block various bacterial metabolic pathways in which natural nucleosides are involved. However, most of the unusual nucleosides, nucleotides and intercalators exert their activity by interfering with DNA and/or RNA synthesis and metabolism, also providing these molecules with potent antiviral, anticancer, immunomodulating and antiparasitic activities.This Special Issue aims to focus on recent, high-quality research and to collect outstanding reviews of the literature on the still hot topic of unusual nucleosides and derivatives produced by marine organisms with promising pharmaceutical potential for the human health.

Guest Editor

Prof. Dr. Sonia Scarfì

1. Department for Earth, Environment and Life Sciences (DISTAV), University of Genoa, Via Pastore 3, I-16132 Genoa, Italy
2. Inter-University Center for the Promotion of the 3Rs Principles in Teaching and Research (Centro 3R), Pisa, Italy

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Marine Drugs
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

mdpi.com/journal/marinedrugs

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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

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

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