Special Issue

Echinoderm Quinonoid Metabolites

Message from the Guest Editor

Echinoids are marine invertebrates belonging to the phylum Echinoids. They have various metabolites with a wide range of biological activity. Naphthoquinone pigments called spinochromes have been found in echinoderms, mainly in sea urchins. The study of quinoid pigments of sea urchins is widely carried out by scientists from Japan, China, Korea, Vietnam and Russia. Different types of sea urchins contain naphthoquinoid pigments of different composition, showing different biological activity. It is known that all spinochromes are capable of regenerative properties. In addition, naphthoquinones are characterized by iron-lowering, antiradical, antioxidant, cytotoxic and cardioprotective activities. In this Special Issue of Marine Drugs, we aim to present the latest research on the bioactive compounds from sea urchins. Authors are invited to submit papers detailing their latest discoveries and to settle controversies in existing data on the structures, biosynthesis, distribution, functions, stability, bioactivity and biomedical applications of echinoderm quinonoid metabolites.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/127223

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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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