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Molecular Mechanisms and Modulation of the Signaling Pathways in the Redox System by Marine Natural Products

Guest Editor:

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Deadline for manuscript submissions:
closed (9 November 2021)

Message from the Guest Editor

Dear Colleagues,

Redox signaling is a significant component of cell signaling pathways that are involved in the regulation of cell growth or cell death, metabolism, hormone signaling, immune regulation and variety of other physiological functions. Therefore, the signaling modulators in the redox system will be a significant role in prevent or therapeutic use for various diseases, such as arteriosclerosis, diabetes mellitus, ischemic disease, and cancer. Marine natural products have a large potential as a modulator for signal transduction, such as Nrf2, MAPKs and NF-**κ**B in the redox system. This Special Issue welcomes articles describing the various properties of marine natural products in the redox system involving their molecular mechanisms and modulation of the signaling pathways.

Prof. Dr. Junsei Taira
Guest Editor

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Editor-in-Chief

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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.

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