



Bioactive Secondary Metabolites of Marine Fungi

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Fungi represent a significant proportion of the microbial diversity on Earth. The discovery of new secondary metabolites from marine fungi has increased dramatically over the last few decades, cumulating in over 1000 new metabolites. The biosynthesis of these metabolites is dependent on ecological, physical and biological factors and, therefore, small changes in these conditions can generate an entirely new set of metabolites. Thus, understanding the chemical language of marine fungi and the development of new culture techniques are needed to discover novel fungal metabolites with potent biological activities.

As a Guest Editor for this Special Issue, I invite you to submit your research results on marine fungi ranging from the isolation and structure elucidation of new natural products to biosynthetic pathways of marine fungal metabolites.

Prof. Dr. Hee Jae Shin

Guest Editor





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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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