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Glycosylated Metabolites from Marine Bacteria

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Message from the Guest Editor

Dear Colleagues,

Glycosylation of naturally occurring and synthetic small molecule drugs can dramatically influence the pharmacological and/or pharmacokinetic properties of the parent scaffold. Among bacterial secondary metabolites, about 20% are glycosides wherein glycosylated macrolides and macrolactams represent the largest allocation. Many marine bacteria use glycosylated small molecules for chemical defense to have selective advantages or as signaling molecules for intra- and interspecies communication.

As Guest Editor for this Special Issue, I sincerely invite you to submit your research findings on marine bacteria on the isolation and structure elucidation of new glycosylated secondary metabolites as well as biosynthetic pathways of marine glycosylated metabolites.

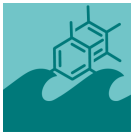
Prof. Dr. Hee Jae Shin

Guest Editor



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Special Issue



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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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