

Special Issue

Marine Biotoxins: Predicting and Cumulative Risk Assessment

Message from the Guest Editors

Marine biotoxins are becoming a hot topic of study in the field of bioactive substances because of their functionally diverse and unique biological activities. They are not only potential sources of novel medicines for human health, but are also known as potent toxicants to human beings. Furthermore, with the variation of marine environments caused by global change and eutrophication, marine biotoxins, especially microalgal toxins, have become a great threat to human public health worldwide. Therefore, it is necessary to develop various detection methods including biological, chemical and physical methods for toxins, to elucidate biosynthesis mechanisms of diverse marine toxins, and to assess toxin affects and risks as well as the regulation and mitigation of toxins.

This Special Issue aims to shed light on biosynthesis mechanisms of various marine biotoxins, novel detection and analysis approaches, toxicology and risk assessment, and regulation and mitigation. We encourage the experts in the field of marine biotoxin to contribute research papers and critical reviews on various aspects of marine biotoxin to this Special Issue.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

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