Special Issue

Tetrodotoxin

Message from the Guest Editors

Tetrodotoxin (TTX) is a highly potent neurotoxin responsible for many human fatalities, most commonly following consumption of pufferfish. TTX, together with a number of TTX analogues (together termed TTXs) have been well studied in pufferfish, other fish species, gastropods, amphibians and other terrestrial species. More recently, there have even been several reports of TTXs occurring in bivalve shellfish. This Special Issue is focused on the occurrence of TTXs in new areas of the globe and in new species, emerging risks, evidence for production of TTX and accumulation mechanisms and physiologic functions of toxins in fish, crustacean, bivalves and other marine species of relevance. It will also collect work on methods of detection and data concerning the presence of TTX analogues and associated toxicity. The aim is to bring together the work of researchers throughout the world who are currently working on this important group of toxins.

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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.

Editor-in-Chief

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