

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.

Guest Editors

Dr. Andrew Turner

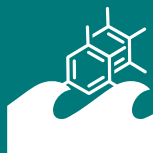
Centre for Environment, Fisheries and Aquaculture Science, Weymouth Laboratory, Lowestoft, UK

Prof. Dr. Osamu Arakawa

Graduate School of Fisheries and Environmental Sciences, Nagasaki University, 1-14, Bunkyo-machi, Nagasaki, Nagasaki 852-8521, Japan

Deadline for manuscript submissions

closed (28 February 2018)



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



mdpi.com/si/8826

Marine Drugs
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

[mdpi.com/journal/
marinedrugs](https://mdpi.com/journal/marinedrugs)





Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



[mdpi.com/journal/
marinedrugs](https://mdpi.com/journal/marinedrugs)



About the Journal

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

Prof. Dr. Bill J. Baker

Department of Chemistry, University of South Florida, 4202 E. Fowler Ave., CHE 205, Tampa, FL 33620-5250, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))