



Isolation and Characterization of Marine Toxins

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Deadline for manuscript
submissions:

closed (30 November 2020)

Message from the Guest Editors

Typical fishery products such as fish and shellfish are important as human food, in particular as an animal protein source. However, some species of fish and shellfish contain toxins that may cause food poisoning to humans. Many naturally occurring biotoxins have a severe impact on fisheries, their related industries and human health, because they can be transferred and accumulate on marine and freshwater vertebrates and invertebrates through a more complicated pathway including the food chain. This is exemplified by the paralytic shellfish poisoning of humans on eating PSP contaminated shellfish. It is necessary for us to isolate and characterize these marine biotoxins, to prevent tragic food poisoning incidents and severe damage to aquaculture around the world. This Special Issue call for papers deals with structure and analytical chemistry studies of toxins in aquatic habitats, characterization of new toxins isolated from marine and freshwater organisms, case studies of seafood poisonings, biotransformation/accumulation of toxins from aquatic organisms, and novel targets or modes of action for aquatic toxins.





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Message from the Editor-in-Chief

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Journal Rank: JCR - Q1 (Toxicology) / CiteScore - Q1 (Toxicology)

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