Special Issue

Cnidarian Venom

Message from the Guest Editor

One of the most promising natural sources of pharmacological compounds is the venom produced by marine animals of phylum Cnidaria (sea anemones, corals, jellyfishes, and hydroids). They are a complex mixture of toxins both of protein and nonprotein nature.

This Special Issue is focused on research works devoted to the search for and identification of new functionally active compounds produced by cnidarians, the determination of their structures and molecular mechanisms of interaction with biological targets, the assessment of the pharmacological and therapeutic potential of compounds by in vivo, in vitro, and in silico methods, as well as the achievements of omix technologies in the study of structure–functional relationships and genetic diversity of protein compounds. Editors also welcome review articles summarizing experimental results and achievements in the abovementioned research areas as well short reports on new original experimental and theoretical works devoted to these unique marine venomous animals.

Guest Editor

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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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