Special Issue

Animal Venoms

Message from the Guest Editor

Animal venoms are extremely rich and complex natural sources of bioactive molecules that display a variety of molecular targets and functions. The most represented venom compounds are peptide toxins active on ion channels (e.g. ion channel blockers). Because these molecules are often highly potent with potential clinical value, some of them are currently being structurally optimized and developed as candidate drugs to treat specific human pathologies (e.g. autoimmune disorders). This special issue of Toxins deals with the various aspects of venomous compounds, including structural features, pharmacology, structure-activity relationships, toxin-based drug design, lead/peptide engineering and development as chemotherapeutic agents.

Guest Editor

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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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