Special Issue

New Trends in Identification and Characterization of Venom Components

Message from the Guest Editors

Animal venoms are rich sources of bioactive molecules, displaying a variety of molecular targets and functions. Many toxins have been identified and characterized by venomous animals such as scorpions, spiders, honeybees, and snails, and most of these are from snakes. Due to their pharmacological activities, several venom components are extensively studied and can be used as diagnostic tools and therapeutic agents. The exploration of new venom components contributes not only to understanding the pathophysiological changes observed after envenomation but also offers an exciting new avenue for studying venom evolution and toxicology, as well as the discovery of novel pharmacological tools and drug candidates. This Special Issue of *Toxins* welcomes contributions to the development of innovative approaches, advanced instrumental techniques, and methods to identify and characterize the venom components.

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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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