



*toxins*



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## Snake Venom-Omics and Next Generation Antivenom

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Deadline for manuscript  
submissions:  
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### Message from the Guest Editor

Snakes and snake venom diversity has been very well studied for many species. However, the detailed mechanism of action of snake envenomation is still not known. Snake venoms contain a diverse and extensive variety of toxins used to capture and immobilize their prey. As such, these toxins are used to cause severe localized damage, such as through cell necrosis, hemolysis, edema, and inflammation, leading to hemorrhage, coagulopathy, and eventually death. Snake venoms and their isolated toxins as a pharmacological source have enormous biomedical potential for treating heart attacks, strokes, and cancer. Herein, this Special Issue of *Toxins* is specifically focused on publishing recent research activities exploring snake venom and the development of antivenom serum. *Toxins* is an outstanding forum for venom research due to its notable reputation on snake venom and broader toxicology interest. We strongly believe that the articles published will be of great interest to evolutionary biologists studying snake toxins, as well as immunologists, biotechnologists, and pharmacologists working in developing next generation therapeutics.



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## Editor-in-Chief

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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.

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