



toxins



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Toxinology and Pharmacology of Snake Venoms

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Message from the Guest Editor

Dear Colleagues,

Evolution endowed snakes with the ultimate weapon: the venom. With it, several hundred types of venomous snakes can kill or weaken their victims to prevent them from escape. The unraveled biochemical composition, genomics, and proteomics of toxins and venoms have deepened our understanding of their interaction with organisms, most importantly with humans. Their modes of action are better understood, which opens the door to their eventual application as molecular tools and diagnostic or therapeutic agents, including the development of antidotes. Snake venom research influences various areas of life and biomedical sciences. It has deep linkages with biochemistry, molecular biology, genetics, pathophysiology, pharmacology, and the rapidly developing field of clinical toxinology. This Special Issue of *Toxins* welcomes articles addressing most aspects of biochemical, evolutionary, pathophysiological, and therapeutic research on snake venoms and envenomation, to provide readers with an updated and comprehensive picture of this exciting area of research.

Prof. Dr. Igor Križaj

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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