



toxins



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Toxinologic and Pharmacological Investigation of Venomous Arthropods

Guest Editors:

Prof. Dr. Katsuhiko Konno

Institute of Natural Medicine,
University of Toyama, Toyama
930-0194, Japan

Prof. Dr. Gandhi Rádis-Baptista

Laboratory of Biochemistry and
Biotechnology, Institute for
Marine Sciences, Federal
University of Ceara, Fortaleza
60165-081, CE, Brazil

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Message from the Guest Editors

Chemical and pharmacological investigation of arthropod venoms have been one of the major aspects of Toxinology that have made it possible for molecular pharmaceutical intervention to treat, for instance, chronic pain, immunological and neurological disorders, and infections caused by multi-drug resistant microbes. In recent years, remarkable progress of analytical methods by mass spectroscopy combined with transcriptomic and proteomic approaches, as well as with other “omics” methodologies, like metabolomics, made it possible to reveal the diversity and usefulness of the venom components from some tiny arthropod species. This new Special Issue is a sequel to the previously published Special Issue “Arthropod Venom Components and their Potential Usage”. Hence, we would like to collect and combine in this companion Special Issue state-of-the-art progress that results from chemical, biological, and pharmacological research of arthropod venoms.



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Special Issue



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Editor-in-Chief

Prof. Dr. Jay Fox

Department of Microbiology,
University of Virginia,
Charlottesville, VA, USA

Message from the Editor-in-Chief

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Toxins Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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