

Special Issue

Toxinologic and Pharmacological Investigation of Venomous Arthropods

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.

Guest Editors

Prof. Dr. Katsuhiro Konno

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

Prof. Dr. Gandhi Rádis-Baptista

1. Laboratory of Biochemistry and Biotechnology, Institute for Marine Sciences, Federal University of Ceara, Fortaleza 60165-081, CE, Brazil
2. Department of Biochemistry and Biophysics, Institute of Health Sciences, Federal University of Bahia, Salvador 40110-100, BA, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxins@mdpi.com

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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

Prof. Dr. Jay Fox

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

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