



*toxins*



an Open Access Journal by MDPI

## 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

Deadline for manuscript  
submissions:

**closed (30 November 2021)**

### 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.



[mdpi.com/si/72634](https://mdpi.com/si/72634)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Jay Fox**

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

## 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.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**High Visibility:** indexed within **Scopus**, **SCIE (Web of Science)**, **PubMed**, **MEDLINE**, **PMC**, **Embase**, **CAPLus / SciFinder**, **AGRIS**, and **other databases**.

**Journal Rank:** JCR - Q1 (*Toxicology*) / CiteScore - Q1 (*Toxicology*)

## Contact Us

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxins](http://mdpi.com/journal/toxins)  
[toxins@mdpi.com](mailto:toxins@mdpi.com)  
[X@Toxins\\_Mdpi](https://twitter.com/Toxins_Mdpi)