

Special Issue

Research on Invertebrate Venomics

Message from the Guest Editor

Traditional venom research is centred around a handful of species, most of which are snakes. However, the large majority of venomous species belong to various clades of invertebrates: hy-menopterans, spiders, cnidarians, molluscs and others. The knowledge about their venom's com-position and evolution is comparatively scarce. Modern advances in methodology, in particular in transcriptomics and proteomics, coupled with a more robust theoretical framework have pro-duced some insightful studies on invertebrate venoms; however, most of them remain to be looked into. The aim of the present Special Issue is to highlight the recent advances, new discov-eries and hypotheses in invertebrate venomics research.

Guest Editor

Dr. Ivan Koludarov

Department of Informatics, Bioinformatics & Computational Biology,
TUM (Technical University of Munich), i12, Boltzmannstr. 3, 85748
Garching/Munich, Germany

Deadline for manuscript submissions

closed (31 August 2023)



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/140463

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

[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)





Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)



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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).