# Special Issue

# Transforming Animal Venom into Lifesaving Medication

### Message from the Guest Editors

Technological advancements have effectively transformed life-threatening animal venom into lifesaving therapeutics. Nevertheless, envenomation remains a deadly problem as not all toxin targets have been identified yet and we lack a complete understanding of the molecular pathways involved in the effects of toxins. Lead compounds for new drugs are continually emerging from research exploring the therapeutic potential of different animal venom components. These new drugs are derived from venom proteins and peptides. Some of these drugs are in clinical use while others are in developmental stages. We invite researchers to submit original research and review articles covering significant developments in animal venom-derived drugs and diagnostic tools. The aim of this Special Issue of Toxins is to provide our readers with the most recent updates in this research field.

### Guest Editors


Dr. Ching-Liang Hsieh

Graduate Institute of Integrated Medicine, College of Chinese Medicine, China Medical University, Taichung 40402, Taiwan

Dr. Su-yin Chiang

School of Chinese Medicine, China Medical University, Taichung 40402, Taiwan


### Deadline for manuscript submissions

closed (31 December 2022)


## Toxins

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 8.3
Indexed in PubMed

mdpi.com/si/100374

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

mdpi.com/journal/toxins

# Toxins

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 8.3
Indexed in PubMed

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 19.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

MDPI