

## Special Issue

# Evolution of Venomous and Poisonous Animals

### Message from the Guest Editors

This Special Issue is focused on gathering contributions in the form of original research articles, reviews, and short communications in the broad area of the evolution of venomous and poisonous animals. More specifically, we welcome papers that consider (but are not limited to) the following: systematics and phylogenetics of targeted groups of venomous or poisonous animals; molecular adaptations of venoms and gene-encoded toxins; studies that link physiology or ecology to the evolution of toxicity or venoms in animals; evolutionary and ecological consequences of toxicity (such as aposematism and mimicry); behavioral or morphological adaptations; host-microbiome interactions in toxic animals; and toxin resistance and sequestration.

### Guest Editors

Dr. Kevin Arbuckle

Dr. Karen Siu-Ting

Dr. John Dunbar

### Deadline for manuscript submissions

closed (28 February 2023)



## Toxins

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 8.2  
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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.

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### Editor-in-Chief

Prof. Dr. Jay Fox

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

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### 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).