Special Issue

Drivers of Venom Potency across the Animal Kingdom

Message from the Guest Editor

Venom potency has long been a topic of interest to researchers from a wide range of fields. One driver of this interest is the diversity of organisms that have evolved venom, and with it, the wide variation in venom compositions that makes venom both a rich source of biodiscovery and a global public health issue. However, while varied, venoms have typically evolved to perform similar functional roles in predation and defence across phylogenetically distinct groups. The focus of this Special Issue is to explore the factors that determine the potency of venom across the span of the Animal Kingdom. This includes questions relating to genetic, molecular, evolutionary and ecological factors associated with venom potency. Submissions linking factors that apply across a wide taxonomic range will be particularly favoured, and I also strongly encourage submissions covering neglected areas and taxonomic groups. I look forward to editing an exciting collection of research and review articles that will help to stimulate interest in the fundamental drivers of venom potency across the diversity of venomous animals.

Guest Editor

Dr. Kevin Healy
Zoology Department, Ryan Institute, NUI Galway, Ireland

Deadline for manuscript submissions

closed (31 January 2022)

Toxins

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 7.5
Indexed in PubMed

mdpi.com/si/55197

Toxins
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 3.9
CiteScore 7.5
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 18.9 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2024).

MDPI