

Special Issue

Animal Venoms and Pain

Message from the Guest Editors

This Special Issue of *Toxins* will cover recent developments on animal venoms and pain, including perspectives on the evolution, mechanism of action and structure-function of pro-algesic and analgesic venom components. The individual articles will review

- The evolutionary processes shaping development of toxins targeting pain pathways
- Pharmacology of venom peptides targeting pain pathways, including toxins targeting transient receptor potential channels, G-protein coupled receptors and voltage-gated ion channels involved in pain
- Insights into structure-activity of toxins acting at pain targets
- Snake venom components targeting peripheral sensory neurons
- Therapeutic applications of venoms for treatment of pain

Guest Editors

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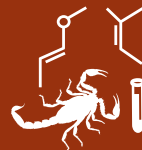
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About the Journal

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.

Editor-in-Chief

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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).