



toxins



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Predatory and Defensive Venom Peptides

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Deadline for manuscript
submissions:

closed (15 December 2022)

Message from the Guest Editor

Dear Colleagues,

Cone snails have evolved a suite of venom peptides (conotoxins) that target a broad diversity of membrane proteins, including ion channels, GPCRs, and transporters, typically with exquisite selectivity. Only recently have we understood that conotoxins have separately evolved both to facilitate prey capture and for defense.

This Special Issue will accept research publications and authoritative reviews on all aspects of conotoxin biology, including their origins, evolution, venomomics, structure–function relationship, therapeutic potential, and mode of action.



mdpi.com/si/65125

Special Issue



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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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