



Animal Venoms and Pain

Guest Editors:

Assoc. Prof. Stuart M. Brierley

Visceral Pain Research Group,
Human Physiology, School of
Medicine, Flinders University.
Level 7, South Australian Health
and Medical Research Institute
(SAHMRI), North Terrace,
Adelaide, SA 5000, Australia

Dr. Irina Vetter

School of Pharmacy, Institute for
Molecular Bioscience, The
University of Queensland,
Brisbane, Australia

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Message from the Guest Editors

Dear Colleagues,

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

Assoc. Prof. Stuart M. Brierley

Dr. Irina Vetter

Guest Editor





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Editor-in-Chief

Prof. Dr. Jay Fox

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

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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Toxins Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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