

Special Issue

Toxins: From the Wild to the Lab

Message from the Guest Editors

There is a long way to go, from finding venomous species in their natural habitat, through collecting their venom under strict safety and species preservation conditions, to the extraction of natural toxins in the laboratory. State-of-the-art technologies are making it possible to explore, as close as possible to their site of action, the functioning of these tools on a molecular level and to design some of them that will contribute to the development and progress of diagnostic medicine or therapeutics. In this Special Issue of the journal *Toxins*, research and review articles concerning the latest discoveries in the field of venoms and toxinology will be presented to cover broad areas ranging from the composition and evolution of venoms to the mechanism of action, structural conservation versus variability, and therapeutic applicability of toxins. This Special Issue is open, albeit not restricted, to the communications that were presented during the 29th Meeting of Toxinology (RT29) organized by the French Society of Toxinology (SFET) on the 30th of November and 1st of December 2023 at the Institut Pasteur of Paris.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



Toxins

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Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/194914

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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

Prof. Dr. Jay Fox

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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).