



*toxins*



an Open Access Journal by MDPI

## Protein Toxins of Pathogenic *Vibrio* Species

Guest Editor:

**Dr. Michelle Dziejman**

Department of Microbiology and Immunology, University of Rochester Medical Center, School of Medicine and Dentistry, Rochester, NY 14642, USA

Deadline for manuscript submissions:

**closed (30 November 2022)**

### Message from the Guest Editor

Dear Colleagues,

The study of pathogenic *Vibrio* species is historically rooted in the biochemical characterization of cholera toxin, the major virulence factor associated with the human pathogen *V. cholerae*. Over several decades, the field has grown to appreciate that the *Vibrio* genus encompasses numerous species having diverse toxigenic activities targeting humans and marine life, varying from fish to crustaceans and corals. In addition to cholera toxin, the hemolysins, cytotoxins, and various other toxins produced by *Vibrio* continue to teach us about host-cell homeostatic processes and how pathogen subversion leads to disease.

This Special Issue of *Toxins* will highlight the breadth and depth of the activities of toxins produced by *Vibrio* species. We welcome contributions describing toxins from any pathogenic *Vibrio* species, and those that showcase a cross-disciplinary understanding of how the marine-based *Vibrio* genus acquires, regulates, and deploys an arsenal of toxins to cause diverse diseases across a wide range of hosts.

Dr. Michelle Dziejman

Guest Editor



[mdpi.com/si/73967](https://mdpi.com/si/73967)

**Special** Issue



an Open Access Journal by MDPI

## 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.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**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)

## Contact Us

---

*Toxins* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxins](http://mdpi.com/journal/toxins)  
[toxins@mdpi.com](mailto:toxins@mdpi.com)  
[X@Toxins\\_Mdpi](#)