

Special Issue

Staphylococcus aureus Toxins

Message from the Guest Editor

Staphylococcus aureus toxins have a significant role to play in *S. aureus* pathogenesis. Toxins cause direct damage to the host and some toxins (e.g., enterotoxins and toxic shock syndrome toxin) and elicit a massive pro-inflammatory response that will contribute to indirect damage to the host. Although we know a lot about these *S. aureus* toxins, we still have a lot to learn about the molecular pathogenesis of them and how the genes that encode the toxins are regulated. This Special Issue will focus on how the toxins play a role in *S. aureus* pathogenesis, what regulatory mechanisms affect expression of the toxins, and current research tied to the development of toxoid-based vaccines to prevent *S. aureus* infections.

Guest Editor

Prof. Dr. William R. Schwan

Department of Microbiology, University of Wisconsin-La Crosse, 1725 State St., La Crosse, WI 54601, USA

Deadline for manuscript submissions

closed (30 April 2019)



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/16421

Toxins
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxins@mdpi.com

[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)





Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)



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

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

Author Benefits

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)

Rapid Publication:

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).