

Special Issue

Toxins Secretion and Translocation

Message from the Guest Editors

Exotoxins are produced and secreted by living bacteria. The exotoxins must be transported across a single membrane in the case of Gram-positive bacteria and across two membranes in the case of Gram-negative bacteria by sophisticated mechanisms in order to be released from the producing bacteria and to exhibit their cytotoxic effects on target cells. This Special Issue will focus on the molecular mechanisms underlying the transport of toxins across membrane barriers. This includes the trans-membrane transport during toxin secretion from the producing organisms as well as the intracellular trans-membrane transport of toxins in mammalian target cells.

Guest Editors

Prof. Dr. Holger Barth

Institute of Experimental and Clinical Pharmacology, Toxicology and Pharmacology of Natural Products, Ulm University Medical Center, 89081 Ulm, Germany

Dr. Panagiotis Papatheodorou

Institut für Pharmakologie und Toxikologie, Universitätsklinikum Ulm, Albert-Einstein-Allee 11, 89081 Ulm, Germany

Deadline for manuscript submissions

closed (31 May 2019)



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/16367

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).