

Special Issue

Molecular Targets of Bacterial Toxins: From Infection to Chronic Diseases

Message from the Guest Editor

Bacterial toxins may target host cell molecules in order to infect but also persist chronically. These particular virulence factors are getting more and more attention. Indeed, their discovery has given new perspectives to the field of cellular microbiology and started to clarify their implication in different chronic diseases. Understanding their effects after cellular intoxication, in term of inflammation or acquisition of carcinogenic traits for example, is therefore crucial and need to be pursued. The aim of this Special Issue is to provide an overview of the knowledge regarding several aspects of the bacterial toxins' biology, such as molecular mechanisms, cellular effects and progression of diseases. We anticipate that the papers presented in this Issue will be of valuable support for the scientific community, in diverse contexts as microbiology, cell biology, physiopathology, etc.

Guest Editor

Dr. Gladys Mirey
INRAE, UPS, 31300 Toulouse, France

Deadline for manuscript submissions

closed (31 July 2021)



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/55568

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).