



an Open Access Journal by MDPI

Advances in Toxins and Virulence Analysis of Bacteria

Guest Editor:

Dr. Avi Peretz

 Microbiology and Infectious Diseases, Azrieli Faculty of Medicine, Bar-Ilan University, Safed 13100, Israel
The Clinical Microbiology Laboratory, Baruch Padeh Medical Center, Poriya 15208, Israel

Deadline for manuscript submissions: closed (20 March 2023)

Message from the Guest Editor

Dear Colleagues,

Toxins are determinants of virulence that play an important role in microbial pathogenicity and/or evasion of the host immune response. This makes them ideal targets for the development of novel antimicrobial strategies. This Special Issue will highlight recent advances in our understanding of the molecular interactions of toxins with the host, the mechanisms by which toxins promote virulence, and the consequences of these actions on the outcome of infection.

Specialsue

Dr. Avi Peretz *Guest Editor*

Keywords

- toxin neutralization
- quorum-sensing
- bacterial pathogen
- toxin-antitoxin system
- bacterial infections



mdpi.com/si/106091





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, peerreviewed 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, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/toxins toxins@mdpi.com X@Toxins_Mdpi