Special Issue

Bacterial and Fungal Toxins for Future Vaccine Developments

Message from the Guest Editor

In this Special Issue of *Toxins*, we aim to publish a series of articles assessing the potential of bacterial and fungal toxins as targets for use in new vaccine developments. Toxin-producing species include nosocomial pathogens such as *S. aureus*, pathogenic *E. coli,* and *C. difficile*, and enteric pathogens such as *Shigella* spp. and *Campylobacter* spp. However, they can also address biothreat-related agents such as *B. anthracis* and plant toxins such as ricin, as well as fungi like Mucorales. Researchers studying toxin-mediated diseases and toxin-based vaccine developments or monoclonal antibodies for passive immunization are cordially invited to submit original papers and reviews analyzing the protective potential of immunization against the respective toxins. Submitted research can include studies on the immunogenicity of toxins, the neutralizing potential of antibodies, detection methods, clinical studies, and the description of toxin variants and engineered mutants.

Guest Editor

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closed (31 January 2024)

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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
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