

## Special Issue

# Mycotoxins and Fungal Toxins: Current Status and Future Perspectives

### Message from the Guest Editors

Mycotoxins are secondary metabolites of fungi under specific conditions. Up to now, more than 400 mycotoxins have been identified which are mainly produced by several common fungal genera. These toxic compounds are frequently found as contaminants in grains, fruits, vegetables, and nuts, representing a major threat to food/feed safety. This research topic aims to highlight current research and future perspectives on all aspects of *mycotoxins*. Experts specifically from the fields of mycotoxigenic fungi biology, identification and detection of mycotoxins, and toxicology of mycotoxins are invited to contribute their newest findings in the form of research articles, or reviews. Potential topics include but are not limited to the following:

- Identification of novel mycotoxins and their nature occurrence;
- New insights into accurate and rapid detections of mycotoxins;
- Evolution, genetic, and epigenetic regulation of mycotoxigenic fungi;
- Studies on single and combined toxicity of various mycotoxins on different organisms;
- Identification and characterization of genes associated with mycotoxin biosynthesis and their molecular regulation mechanism.

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### Guest Editors

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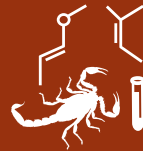
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### Deadline for manuscript submissions

closed (30 November 2023)



## Toxins

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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.

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### Editor-in-Chief

Prof. Dr. Jay Fox

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

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