Special Issue

Mycotoxins and Spoilage Fungi in Agricultural Products and Foods: Current Status and Future Perspectives

Message from the Guest Editors

Toxigenic fungi, as major pathogens of crops and horticultural products, cause substantial yield losses annually during both pre- and post-harvest stages. Moreover, some fungi contamination leads to the decay of fruits and vegetables. Beyond agricultural impacts, these fungi threaten food safety by contaminating commodities with hazardous mycotoxins, which endanger human and animal health. The multiple mycotoxins in grains and feed exacerbates global food security challenges, drawing significant attention to their health risks. This topic focuses on areas including, but not limited to, the following: detection advances, contamination status, and risk assessments of toxigenic fungi and other biotoxins; pathogen detection, disease management, fungal functional genomics, and mycotoxin biosynthesis pathways; and control and detoxification strategies for biocotoxins. Contributions are invited on novel diagnostic tools, molecular mechanisms, toxicological studies, mitigation technologies, and antimicrobial control technologies. Reviews and original research advancing sustainable solutions for food/feed safety and the protection of crops, fruits, and vegetablesare will be prioritized.

Guest Editors

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Deadline for manuscript submissions

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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

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