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Current Status and Challenges of Aflatoxin Biocontrol Strategies

Guest Editors:

Dr. Geromy G. Moore
USDA Agricultural Research Service, Southern Regional Research Center, New Orleans, LA, USA

Dr. Hillary L. Mehl
USDA Agricultural Research Service, Pest Management and Biocontrol Research, Maricopa, Arizona, USA

Dr. Kenneth A. Callicott
USDA Agricultural Research Service, Pest Management and Biocontrol Research, Maricopa, Arizona, USA

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Message from the Guest Editors

Aflatoxin contamination of agricultural commodities is a global issue with potentially significant economic and health impacts. There are disparities between countries with regard to the impact of, and approach to, the aflatoxin problem, with Low to Middle Income Countries (LMICs) experiencing more of the detrimental effects of aflatoxin contamination. Research to prevent infection by aflatoxin producing fungi, mitigate the negative effects associated with aflatoxin contamination, and develop resistant or defensible plant hosts offers opportunities to ensure a safe food and feed supply. The implementation of biological control strategies (either direct or indirect) are preferred and continue to be explored, especially over use of potentially harmful chemical fungicides. However, research is still needed to develop effective, affordable biocontrol products and strategies to for target crops and regions worldwide where aflatoxin contamination events are frequent and severe. Therefore, the goal of this Special Issue is to showcase the many different avenues of research that relate to sustainable pre-harvest or post-harvest biological control of aflatoxin producing fungi.

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Special Issue

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Editor-in-Chief

Prof. Dr. Jay Fox
Department of Microbiology,
University of Virginia,
Charlottesville, VA, USA

Message from the Editor-in-Chief

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Contact Us

Toxins Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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