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Current Status and Challenges of Aflatoxin Biocontrol Strategies

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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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Message from the Editor-in-Chief

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