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Recent Advances in the Mitigation of Mycotoxin Contamination in Food Products

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Deadline for manuscript
submissions:

closed (15 March 2024)

Message from the Guest Editors

Dear Colleagues,

Mycotoxins, natural contaminants found in food and feed, are produced by toxigenic fungi. The diversity of structures, thermal and chemical stability, and acute and chronic toxicity, has been a concern for food quality and public health.

Despite an increase in knowledge, the occurrence of mycotoxins—such as aflatoxins, fumonisin, ochratoxin A, patulin, trichothecenes and zearalenone—is unavoidable because they are stable along the food chain. The gap to mitigate exposure to them remains, from fungus development and the manifestation of its toxigenic potential to the ready-to-eat product. This Special Issue emphasizes new trends in strategies of mycotoxin mitigation in food and feed and highlights sustainable solutions for food quality and public health. The following topics are suggested:

- Fungus contamination and its toxigenic inhibition;
- Effect of processing parameters on mycotoxin levels and bioaccessibility;
- Effect of emergent technologies on mycotoxin levels and bioaccessibility;
- Diets to improve mycotoxin detoxification metabolism;
- Bioindicators of exposure to mycotoxin.



mdpi.com/si/162505

Special Issue



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Message from the Editor-in-Chief

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