



toxins



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Strategies for the Elimination of Foodborne Pathogens and Toxins

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Message from the Guest Editor

Contamination of produce or food by bacterial pathogens, mycotoxigenic fungi, and their associated toxins represents some of the largest food safety challenges. These potential threats can be intercepted using biological, chemical, and physical intervention strategies. Studies of particular interest regarding biological interventions include the identification of microorganisms and their metabolites that inhibit the growth and persistence of pathogenic microbes and their production of toxins in food products. The development and/or usage of biological products such as antibodies to detect contaminants in food products or as therapeutics are also of interest. Studies on chemical interventions can focus on the identification of small molecules or naturally occurring compounds that can enhance the efficacy of existing antibacterial and antifungal agents and prevent toxin action after ingestion. As for physical interventions, works of interest will present new and/or improved strategies that can eliminate pathogens, contaminants, or toxins from food products. These approaches will play important and synergistic roles in the prevention of foodborne illnesses and their treatment.



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Special Issue



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Message from the Editor-in-Chief

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