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Food Contamination: Sources, Detection, and Monitoring

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Deadline for manuscript submissions:

closed (20 March 2025)

Message from the Guest Editors

There is a close relationship between food, nutrition and human health. The contamination of food can lead to many health problems, including acute poisoning and long-term illness. Regular testing of contaminants is very important for controlling food quality and ensuring consumer health, especially when monitoring and detection levels are insufficient. -This Special Issue aims to deepen the knowledge of food contaminants which affect human health, their sources, and detection and monitoring for a more accurate risk assessment. Welcomes the research on follows subject:

- Pesticides, veterinary drugs and herbicides;
- Mycotoxins;
- Heavy-metal contamination and its impact on food quality;
- Contaminants migrating from food packaging;
- Microbial food contamination;
- Natural toxins from edible plants and foods of animal origin;
- The impact of technological processes and food processing on the formation of pollutants;
- Identification of food adulterations, monitoring, and detection;
- Assessing the authenticity and quality of food.



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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