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Spectroscopic Techniques Applied in the Context of Food Safety and Quality

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Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

Food safety and quality is a topic with a high relevance in the food industry, where food is handled in large volumes. Food is expected to be preserved from harmful bacteria, viruses, or parasites, preventing foodborne illnesses. Food quality is mostly associated with physical, chemical, and sensory characteristics, ensuring that food is safe and meets the customers' expectations.

In this context, reliable and expedite techniques to monitor the safety and quality of food are becoming increasingly sought after. These techniques are especially beneficial for food producers who are looking for innovative ways to ensure their products meet the highest standards in a real-time manner. Infrared- and/or mass-based spectroscopic techniques are known to be environmentally friendly, non-destructive, quick, and accurate. These characteristics perfectly fit the high demands of food safety and quality monitoring. This Special Issue is dedicated to the application of spectroscopic-based techniques to monitor and/or evaluate food safety and quality in a broad range of contexts.



mdpi.com/si/159850

Special Issue



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Message from the Editor-in-Chief

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