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Rapid Analysis Technology for Quality Control and Food Safety

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Message from the Guest Editors

Rapid methods of analysis are becoming a necessity and are increasingly in demand in the field of food quality control and food safety. Rapid methods of food analysis can quickly detect the presence of harmful contaminants in food, such as bacteria, viruses, and chemical contaminants. This can help to prevent outbreaks of foodborne illness and minimize the risk of harm to consumers. Fast methods of food analysis can help to ensure that food products meet regulatory requirements and quality standards. This can improve customer satisfaction and increase consumer confidence in the safety and quality of the products they purchase.

This Special Issue is dedicated, but not limited to, the new technologies of food analysis, such as: NIRS, FTIR, fluorescence, electrochemical sensors, chemical sensors and biosensors, real-time PCR, and ELISA. The developed new methods should not require important sample preparation steps and should be advantageous in terms of rapidity, compared to conventional analytical methods of analysis.



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Special Issue



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Message from the Editor-in-Chief

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