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Rapid Detection Methods for Food Fraud and Food Contaminants

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Recent food crises have underlined how the problem of fraud detection and contaminant prevention is real and urgent, and it pinpoints the necessity for more effective and protective array of quality control methods. The improvement should include technologies, analytical methods, and data analysis. Fingerprinting approaches coupled with powerful chemometric algorithms have proved to be a great ally for food fraud detection. On the other hand, sensitive and accurate instrumentation is often required to assure effective contaminant control, although many emerging contaminants need smart sample preparation rather than powerful instrumentation.

The target of this Special Issue is to present the state-of-the-art of rapid detection methods for food fraud and food contaminants. Papers dealing with the optimization of sample preparation, analytical approaches, and data handling will be presented.

Prof. Giorgia Purcaro
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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