



## Application of Emerging and Acknowledged Approaches for Food and Beverages Authentication

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### Message from the Guest Editors

Dear Colleagues,

Food authentication represents an important topic for food safety, food quality, and consumer protection, as well as for compliance with international standards, national legislation, and guidelines.

Because food adulteration has become increasingly subtle and challenging to detect, new approaches are continuously being developed. During the last several years, metabolomic studies have gained attention from researchers and food control entities. Regardless of whether these new methodologies are based on spectroscopic or spectrometric analytical methods, a big data set is usually generated and advanced statistical methods are a mandatory tool in this regard. Apart from chemometric tools, machine learning, artificial intelligence and fuzzy divisive hierarchical associative-clustering approaches have proved to be very effective in the development of predictive models for food and beverages control.

This Special Issue aims to include new approaches based on spectroscopic and spectrometric methods, in association with advanced data processing and prediction tools with applications in food and beverages authentication studies.





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## Message from the Editor-in-Chief

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