

Special Issue

Research Advances and Applications of Isotopic and Spectroscopic Analysis in Foods and Beverages

Message from the Guest Editors

Isotopic and spectroscopic analyses of foods and beverages have become increasingly important in various aspects of food science and technology. A great innovation of this era is undoubtedly sensory evaluation. These analytical techniques can be applied to any process during the manufacturing and production of food products and beverages to check the production line as well as the final products on the market. This Special Issue of “*Processes*” seeks high-quality research focusing on food analysis, mainly by obtaining isotopic and spectroscopic measurements during food processing or at the final product stage. Topics of interest include, but are not limited to, the following:

- Authenticity and traceability;
- Quality control and assurance (during production/manufacturing processes or of the final products);
- Food safety (during production/manufacturing processes or of the final products);
- Processing and packaging effects;
- Nutritional studies;
- Biochemical pathways and metabolism;
- Food authentication and certification;
- Innovative analytical techniques;
- Regulatory compliance and food fraud prevention.

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