Current Research Utilizing Mass Spectrometry and Chromatography in Food Analysis

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Message from the Guest Editors

Dear Colleagues,

Food analysis, both for quality and product control purposes as well as for scientific research, is one of the aspects that affects each of us, even indirectly. Analytical tools such as mass spectrometry and chromatography are the most applied techniques for food analysis, allowing us to obtain information on the composition of nutrients and identify contamination to guarantee consumer health and ensure compliance with food production laws.

The evolution and development of modern and advanced hyphenated and non-hyphenated analytical techniques, such as liquid and gas chromatography or direct infusion mass spectrometry, have led to obtaining even more detailed and precise information for in-depth knowledge of foods. Using these techniques, it could be possible to obtain a large amount of information that needs to be evaluated. In this regard, the application of chemometric techniques can also be a further aid in the study of complex samples such as food.

This Special Issue is collecting contributions related to the development of mass spectrometry and chromatographic analytical techniques in foods. Both original works and reviews are welcome.

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Special Issue

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Message from the Editor-in-Chief

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