



Application of Chromatography and Spectroscopy in Agriculture

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Message from the Guest Editors

In general, due to the complexity of food composition, the use of advanced analytical techniques covering chromatography and spectroscopy analyses is necessary to achieve the most appropriate results. In agriculture, applications of chromatography and spectroscopy are as varied as the studies involving molecular conformation, compound separation and quantification, as well as improved understanding of the metabolomic networks and the subsequent biochemical variability of plants and other biological organisms under induced and natural environment influence. Along with these advanced techniques, the use of multivariate statistical analysis is becoming increasingly necessary for an appropriate dataset evaluation and prediction of selected food characteristics based on agricultural practices.

This Special Issue focuses on the development of innovative chromatography and spectroscopy methods for the most appropriate evaluation of the influence of different agricultural practices on food composition or characteristics (chemical, physical and physicochemical), which can be related to industrial and consumer interest.





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Message from the Editor-in-Chief

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