

## Special Issue

# Application of Chromatography and Spectroscopy in Agriculture

### 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.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 December 2023)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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