

Special Issue

Extraction and Characterization of Phenolic Compounds from Foods and Food Byproducts by Targeted and Untargeted LC-MS Methods

Message from the Guest Editors

This Special Issue delves into the cutting-edge advancements in the application of Liquid Chromatography–Tandem Mass Spectrometry (LC-MS/MS) and non-conventional innovative extraction techniques for the recovery and characterization of phenolic compounds. Phenolic compounds, widely distributed in plants, play a pivotal role in various biological activities and are of significant interest in fields ranging from food processing and agri-food side streams to nutrition and medicine. The collection of articles within this Special Issue spans diverse topics, including innovative extraction techniques, method development for comprehensive phenolic compound analysis/phenolic profiles of the extracts and the elucidation of the biological roles and health implications of these compounds. The key themes covered in this Special Issue include:

- Methodological Advances: The Special Issue showcases novel methodologies for extracting phenolic compounds from complex matrices, focusing on optimizing sample preparation techniques and [...] For further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com](https://www.mdpi.com/journal/separations/special_issues/OOT9EC337O)

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