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Coupling of Chromatography and Mass Spectrometry Analysis in Food, Medicine, and Biological Samples

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Message from the Guest Editors

Gas or liquid chromatography coupled to tandem mass spectrometry (LC–MS/MS) has become a key technique for modern high-throughput omics technologies and is currently a method of choice for screening drugs, pesticides, and metabolites in complex biological mixtures. This Special Issue aims to collect contributions on the most recent advances in the field of GC–MS/MS or LC–MS/MS approaches applied to the analysis in food, medicine, and biological samples. Topics of interest are novel GC–MS/MS or LC–MS/MS instruments and its advantages; state-of-the-art approaches to GC–MS/MS- or LC–MS/MS-based approaches for the analysis of food, medicine, and biological samples; development of databases of MS/MS spectra, retention times, collision cross-sections, etc.; computational approaches for the prediction of MS/MS spectra, retention times, collision cross-sections, etc.; and novel techniques for increasing the reliability of compound identification. Other relevant topics will also be considered.

Deadline for manuscript submissions:

closed (31 December 2022)



mdpi.com/si/114014

Special Issue



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Message from the Editor-in-Chief

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