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Metabolite Identification via Liquid Chromatography-Mass Spectrometry

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Message from the Guest Editors

Metabolomic profiling has been a research topic of growing interest in the last decade, aiming at both targeted and untargeted analysis of small molecules resulting from biological processes in a diverse range of natural and biological matrices. The transversality of metabolomics to different scientific areas has motivated important advances on the characterization of several metabolic pathways and their associations with, e.g., health and nutritional conditions, agronomic conditions, response to a therapeutic, food quality. Moreover, the highly improvement in analytical cutting-edge measurement technologies, coupled to new separation and sample preparation methods gives metabolomics a new impulse.

This Special Issue aims at putting together original research papers and review articles showing the recent advances on the identification of metabolites though LC-MS in diverse scientific fields. It is expected the contribution with studies on analytical methods development, sample preparation for LC-MS analysis, mass data treatment and interpretation, technological advances on this area, among other related studies.

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Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

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