Special Issue

Chromatography for the Separation and Detection of Metabolites

Message from the Guest Editors

Innovative analytical techniques are under constant development in the so-called OMICS research field, including metabolomics, lipidomics, volatilomics and proteomics, as well as in nutraceuticals and pharmaceutical studies. In particular, it is of utmost importance to develop and optimize separation techniques, mainly based on the hyphenation of chromatography and mass spectrometry, with high selectivity, speed and coverage, for the identification and quantification of metabolites, lipids and proteins in biospecimens, for the characterization of natural products, and for the evaluation of pharmacokinetic and pharmacological properties of bioactive molecules. Therefore, it is my pleasure to invite you to contribute a research article, communication, or review to this Special Issue dedicated to the development, validation, and application of original separation methods aimed at the qualitative–quantitative analysis of metabolites in the field of omics sciences, nutraceuticals, and pharmaceutical applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2024)

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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.

Editor-in-Chief

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