Special Issue

Advances in the Analysis of Bioactive Plant Extracts: Separation Techniques and Their Applications

Message from the Guest Editors

Natural products remain an abundant source of structurally diverse and biologically active compounds with potential pharmaceutical applications. With the continuous advancement of analytical methodologies, the quantification, identification, and characterization of constituents derived from natural sources have become more accurate and efficient. This Special Issue aims to gather original research and review articles focusing on the latest analytical approaches applied to natural products and pharmaceuticals, including innovative chromatographic and spectroscopic techniques and hyphenated methods (e.g., LC-MS, GC-MS, NMR). Emphasis will also be placed on the standardization, quality control, stability, and bioavailability of plantderived compounds, as well as the challenges and solutions in metabolite profiling and analytical validation. We warmly invite contributions from scientists working across the fields of pharmaceutical analysis, natural product chemistry, and bioactive compound research.

Guest Editors

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Separations offers the scientific community a highquality, open-access journal option with rapid time-topublication without any sacrifice of a rigorous peerreview 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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