

Special Issue

Composition Analysis and Biological Properties Evaluation of Plants

Message from the Guest Editors

Plants are sources of bioactive natural compounds. Due to their anti-inflammatory, anticarcinogenic, antioxidant, and antibacterial properties, these substances are essential for maintaining human health. These properties can have a positive impact on a variety of disorders, including autoimmune, cardiovascular, cancer, inflammatory, and neurological conditions. This Special Issue's objective is to find the potential natural compounds that are beneficial to human health. This Special Issue includes a selection of research articles or reviews that highlight recent advances in the study of plant metabolites, including methods for their isolation, with an emphasis on green technology, separation techniques (chromatography), and identification (mass spectrometry, NMR), in addition to studying their antioxidant, antimicrobial, and antiproliferative activity.

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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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