

Special Issue

Natural Product Separation and Characterization of Bioactive Plant Compounds

Message from the Guest Editor

This Special Issue of *Separations*, entitled “Natural Product Separation and Characterization of Bioactive Plant Compounds,” aims to highlight recent developments in separation science applied to natural bioactive compounds. We welcome the submission of original research papers, communications, and comprehensive reviews addressing, but not limited to, the following topics:

- Innovative chromatographic and hyphenated techniques for natural product isolation;
- Advances in sample preparation and purification of bioactive metabolites;
- Analytical strategies for structural elucidation and quality control;
- Applications of separation science in pharmacology, nutraceuticals, and related fields.

We invite you and your collaborators to contribute to this Special Issue. Your expertise will help provide an up-to-date overview of how separation science is currently driving progress in natural product research. We look forward to receiving your valuable contributions.

Guest Editor

Dr. Maria Luiza Zeraik

Laboratory of Phytochemistry and Biomolecules, Department of Chemistry, State University of Londrina (UEL), Londrina 86051-990, PR, Brazil

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

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About the Journal

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

Prof. Dr. Frank L. Dorman

Department of Chemistry, Dartmouth College, Hanover, NH 03755,
USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

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