# Special Issue

# Methods for the Chemical Analysis and Separation of Compounds in Plants

## Message from the Guest Editors

Modern healthcare professionals need more than just to know the phytochemical profile of a plant used in therapy; they also need to be able to link it to a biological activity, to explain the plant's mechanism of action and therapeutic effect.

This Special Issue is open to expert reviews and original contributions in the field of phytochemistry, including papers on the use of modern analytical methods to identify bioactive compounds in different plant species and to demonstrate the biological activities linked to the identified compound's profile. Specifically, we invite submissions on all topics related to plant analysis, including chromatographic and spectral analyses, and in vitro or in vivo demonstration of plants' or plant-origin bioactive compounds' biological activities.

This Special Issue also aims to allow scientists to correlate the phytochemical profile of plants with the demonstrated biological activities, which could later support health-related claims of medicines based on plants or botanical food supplements in the regulatory field.

## Guest Editors

Dr. Neli Kinga Olah

Dr. Daniela Hanganu

Dr. Violeta Turcuș

## Deadline for manuscript submissions

closed (31 March 2023)

**Separations**

**an Open Access Journal by MDPI**

**Impact Factor 2.7**
**CiteScore 4.5**

mdpi.com/si/131080

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

mdpi.com/journal/separations

# Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/journal/separations

MDPI

# 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

## Author Benefits

### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, and other databases.

### Rapid Publication:

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).

### Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.