



Recent Advances and Trends in Dietary Supplement Analysis

Guest Editors:

Dr. Daniela Amidžić Klarić

Faculty of Pharmacy of
Biochemistry, University of
Zagreb, A. Kovačića 1, 10000
Zagreb, Croatia

Prof. Dr. Ana Mornar

Faculty of Pharmacy of
Biochemistry, University of
Zagreb, A. Kovačića 1, 10000
Zagreb, Croatia

Dr. Mario-Livio Jeličić

Faculty of Pharmacy of
Biochemistry, University of
Zagreb, A. Kovačića 1, 10000
Zagreb, Croatia

Message from the Guest Editors

The number of different dietary supplements and their daily use has increased dramatically worldwide. Because these natural health products have become a matter of great public interest, this Special Issue plans to provide an overview of the application of state-of-the-art scientific methods to explore issues involving the quality, safety, and efficacy of dietary supplements. This Special Issue of *Separations* titled “Recent Advances and Trends in Dietary Supplement Analysis” will be a collection of research articles, short communications, and reviews related to original and novel analytical methods developed for the evaluation of active and toxic ingredients in various dietary supplement dosage forms. Green and sustainable analytical procedures are more than welcome, as are methods including the pre-treatment of natural health products as samples.

Keywords:

- dietary supplements
- natural health product
- herbal medicines
- bioactive compounds
- nutraceuticals
- dietary supplement formulation
- dietary supplements quality analysis
- analytical methods
- sample preparation
- dietary supplement assay
- dietary supplements impurities
- regulation of dietary supplements

Deadline for manuscript
submissions:

closed (20 January 2024)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank L. Dorman

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

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, *Chromatography*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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 13.6 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Separations Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/separations
separations@mdpi.com
[X@Sep_MDPI](#)