

## Special Issue

# Current Trends in Chromatography for Bioanalytical Applications

### Message from the Guest Editors

Chromatography is the most powerful analytical technique that allows for the separation of all the compounds in multicomponent chemical mixtures. Current trends in bioanalysis require the development of novel analytical procedures, including efficient sample collection and sample preparation protocols for the detection of compounds of interest at trace levels. The target of this Special Issue is to present novel chromatographic methods using various sample collection and sample preparation techniques for the analysis of compounds of pharmaceutical interest with applications in bioanalysis, toxicology, doping control, medicine, and food chemistry. With your rich expertise in the field of analytical chemistry, we believe that your contribution to this Special Issue will definitely have a significant impact on the entire scientific research community.

---

### Guest Editors

Prof. Dr. Irene Panderi

Laboratory of Pharmaceutical Analysis, Division of Pharmaceutical Chemistry, School of Pharmacy, National and Kapodistrian University of Athens, Panepistimiopolis, Zografou, 15771 Athens, Greece

Dr. Constantinos Pistos

Department of Chemistry, West Chester University of Pennsylvania, West Chester, PA 19383, USA

---

### Deadline for manuscript submissions

closed (31 January 2022)



## Separations

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.5



[mdpi.com/si/39298](https://mdpi.com/si/39298)

---

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

[mdpi.com/journal/  
separations](https://mdpi.com/journal/separations)





# Separations

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.5



[mdpi.com/journal/  
separations](https://mdpi.com/journal/separations)



## 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.