



Chromatographic and Electrophoretic Separation Methods in Pharmaceutical Analysis

Guest Editors:

Prof. Dr. Gabriel Hancu

Prof. Dr. Aura Rusu

Dr. Andreea Pricopie

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Modern pharmaceutical research is strongly linked to pharmaceutical analysis, as the development of new innovative methods of analysis is becoming both a necessity and a challenge for analysts. The current Special Issue highlights the role of various analytical techniques in the analysis of pharmaceuticals, focusing on the applications of high-performance liquid chromatography (HPLC) and capillary electrophoresis (CE). Although HPLC is the most common technique for separating complicated mixtures of chemicals, CE today can be considered an interesting alternative and, sometimes, a complementary method in the drug analysis.

This Special Issue focuses on original research papers covering the development and application of chromatographic and electrophoretic methods in modern pharmaceutical analysis. Review papers presenting an in-depth analysis of the state-of-the-art of the topic are also eligible. Scientists focusing on this domain are encouraged to submit their research results for publication in this Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)