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Chromatographic and Electrophoretic Methods in Current Biomedical Analysis

Guest Editor:

Prof. Dr. Peter Mikuš
1. Department of Pharmaceutical Analysis and Nuclear Pharmacy, Faculty of Pharmacy, Comenius University in Bratislava, Odbojarov 10, 832 32 Bratislava, Slovakia
2. Toxicological and Antidoping Center (TAC), Faculty of Pharmacy, Comenius University in Bratislava, Odbojarov 10, 832 32 Bratislava, Slovakia

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Message from the Guest Editor

Liquid and gas chromatography (LC and GC, respectively) and capillary electrophoresis (CE) are the most important and frequently used analytical separation techniques implemented in a wide range of different practical areas. It is due to their universality concerning analyzed compounds, ability to be hyphenated with various detection techniques, flexibility to create powerful modifications (e.g., isotachophoresis, ITP, capillary electrochromatography, CEC), and outstanding separation ability. This Special Issue is aimed at the presentation of recent advances in biomedical analysis, including all aspects of method development, validation, and practical implementation. From an application point of view, drug model studies (e.g., enantiomeric separations with new chiral systems), clinical drug monitoring (e.g., metabolic and pharmacokinetic studies), quality drug control (e.g., identification and determination of drug impurities in pharmaceuticals), monitoring of potential biomarkers (targeted, untargeted, profiling), and other related examples (involving new (potential) drugs, toxins, substances of abuse, drug residues, etc.), are strongly encouraged to be submitted.

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

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Contact Us

Separations Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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separations@mdpi.com
𝕏@Sep_MDPI