Special Issue

Application of Liquid Chromatography in Pharmaceutical and Toxicological Analysis

Message from the Guest Editors

We are pleased to invite you to publish in this Special Issue focused on the application of liquid chromatography in pharmaceutical and toxicological analysis. In pharmaceutical and toxicological fields, chromatography is one of the most used analytical methods for the identification and quantification of xenobiotics and their metabolites. Different chromatographic techniques have been developed for the qualitative-quantitative determination of drugs according to their characteristics. Among these techniques, in particular, High-Performance Liquid Chromatography (HPLC) is the most used for pharmaceutical and toxicological purposes. The success of liquid chromatography in the development of rapid and precise analytical methods is that it provides good specificity and sensitivity. Sample pretreatment is an important factor to be considered to provide a selective chromatographic analysis. The use of specific purification techniques provides a sample that is relatively free of interferences, compatible with the analytical [...] for further reading, please follow the link to the Special Issue Website at:https://www.mdpi.com/journal/separations/special_issues/TBG4LOLF7K

Guest Editors

Dr. Maria Nieddu

Department of Medicine, Surgery and Pharmacy, University of Sassari, 07100 Sassari, Italy

Dr. Elena Baralla

Department of Veterinary Medicine, University of Sassari, 07100 Sassari, Italy

Deadline for manuscript submissions

closed (20 October 2024)

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

mdpi.com/journal/separations

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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

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