



Application of Liquid Chromatography in Pharmaceutical and Toxicological Analysis

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Deadline for manuscript
submissions:

closed (20 March 2024)

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/](https://www.mdpi.com/journal/separations/special_issues/TBG4LOLF7K)

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Message from the Editor-in-Chief

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