Topical Collection

Recent Trend in Chromatography for Pharmaceutical Analysis

Message from the Collection Editors

Chromatography is the elected methodology for routine and research laboratories for the analysis of pharmaceuticals and their metabolites using both non-enantioselective and enantioselective methods. A variety of chromatographic techniques coupled with different detectors have been developed for both preparation and analysis of pharmaceuticals. For example, in manufacturing processes to assess the stability of drugs and test for impurities and degradation products as well as in clinical analysis for pharmacokinetic studies or therapeutic monitoring. However, chromatographic methods for the analysis of pharmaceuticals have also been reported in other fields such as forensic toxicology and food and environmental analysis. Therefore, this Topical Collection aims to focus on recent and innovative preparative and analytical chromatographic methods used for the analysis of pharmaceuticals in different areas covering industry, clinical and medical purposes, forensic toxicology, and food and environmental analysis.

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