

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.

Collection Editors

Dr. Cláudia Maria Rosa Ribeiro

1. TOXRUN—Toxicology Research Unit, University Institute of Health Sciences, CESPU, CRL, 4585-116 Gandra, Portugal
2. CIIMAR—Interdisciplinary Centre of Marine and Environmental Research, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, 4050-208 Matosinhos, Portugal

Prof. Dr. Maria Elizabeth Tiritan

1. Laboratory of Organic and Pharmaceutical Chemistry, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, 4050-313 Porto, Portugal
2. TOXRUN—Toxicology Research Unit, University Institute of Health Sciences, CESPU, CRL, 4585-116 Gandra, Portugal



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

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Prof. Dr. Jin-Ming Lin

Beijing Key Laboratory of Microanalytical Methods and Instrumentation,
Department of Chemistry, Tsinghua University, Beijing 100084, China

Prof. Dr. Nicole Jaffrezic-Renault

Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16
Gray Road, 25030 Besançon, France

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