



Applications of Chromatography in Drug Analysis and Development

Guest Editors:

Dr. Małgorzata Starek

Department of Inorganic and Analytical Chemistry, Faculty of Pharmacy, Jagiellonian University Medical College, 9 Medyczna St., 30-688 Kraków, Poland

Prof. Dr. Monika Dąbrowska

Department of Inorganic and Analytical Chemistry, Faculty of Pharmacy, Jagiellonian University Medical College, 9 Medyczna St., 30-688 Kraków, Poland

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on different procedures, e.g., method development, validation, compounds separation, physicochemical properties, quality attributes, and provides information for their optimization, environmental and health relations, and sustainability. The new applications of chromatographic operations can be applied in drug development and delivery. Furthermore, applying chromatographic methods and optimization at both the theoretical and practical levels are within the scope of this issue.

Topics include, but are not limited to applications in the following areas:

- Design and simulation of a novel or revamped separation processes
- Optimization of the chromatographic conditions
- Monitoring safety and operational issues in the pharmaceutical industry
- Separation of non-enantiomeric compounds and chiral separation mechanisms
- Qualitative and quantitative studies of biologically active compounds
- Drug impurities analysis
- Drug discovery and development
- Examination of the physicochemical properties of chemical compounds, such as lipophilicity



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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