

Special Issue

Bioanalysis and Metabolomics

Message from the Guest Editors

Recently, techniques for analyzing endogenous and exogenous substances present in biological samples have been developed due to the development of analytical instruments that combine chromatography and mass spectrometry. As a result, as micro-analysis of drugs is possible, microdosing methods for studying the pharmacokinetics of drugs in humans through the administration of sub-therapeutic doses have been developed and applied in clinical trials. In addition, metabolomics techniques that target endogenous substances in biological samples have been developed, and various studies on biomarkers that can be used to diagnose the disease early and evaluate the efficacy of drugs have been actively conducted. This Special Issue aims to highlight current progress in bioanalysis related to drug metabolism and pharmacokinetics and drug- and disease-related metabolomics.

Guest Editors

Prof. Dr. Kwang-Hyeon Liu

College of Pharmacy and Research Institute of Pharmaceutical Sciences, Kyungpook National University, Daegu 41566, Republic of Korea

Prof. Dr. Hye Suk Lee

College of Pharmacy, The Catholic University of Korea, Bucheon 14662, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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