

Special Issue

Bioanalysis and Metabolomics, 2nd Edition

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.

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