Preclinical Pharmacokinetics and Bioanalysis

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Message from the Guest Editors

Dear Colleagues,

Today, the development of new drugs is still time consuming, extremely costly, and suffers from high attrition rates. One of the biggest bottlenecks in the early phase of drug development is the lack of high-throughput approaches for preclinical pharmacokinetics (PK) screening. Nevertheless, this area has been greatly improved over the past decade because of the revolutionary changes in bioanalytical methods, in particular, with the development of LC-MS/MS platform. New preclinical PK screening approaches, including cassette dosing PK, cassette analysis, snapshot PK and rapid PK have been proposed and tested. The progress of these PK technologies could significantly accelerate the process of drug discovery. They can also be widely applied in different stages of drug development to eliminate weak candidates.

This Special Issue on "Preclinical Pharmacokinetics and Bioanalysis" aims to highlight the latest development technologies and to inspire future research in this exciting area.

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Special Issue

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Message from the Editor-in-Chief

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