

Special Issue

Role of Pharmacokinetics in Drug Development and Evaluation

Message from the Guest Editor

Drug development requires a multidisciplinary effort to transform a chemical compound into a medicine that can be safely and effectively administered to a patient. The goal of drug therapy is to deliver the right amount of a drug over the right timeframe so that target plasma concentrations are achieved and/or maintained. Pharmacokinetics is a critical determinant of drug action in vivo since it drives the systemic exposure that is achieved following drug administration. This issue is dedicated to investigations demonstrating the critical role of pharmacokinetics in drug development and evaluation. Pharmaceutical scientists are invited to share their research demonstrating how the pharmacokinetic properties of a compound were optimized through formulation development or other approaches in order to achieve goals such as reducing the impact of food- and drug-drug interactions, providing patient-friendly dosing schedules, or increasing the safety profile of medication.

Guest Editor

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