Special Issue

Dose Optimization of Traditional and New Drug Formulations in Veterinary and Human Medicine

Message from the Guest Editors

The aim of this Special Issue is to reveal the power of advanced models such as PK-PD models, physiologically based PK and PD models, the population pharmacokinetic approach and all other methods that can contribute to dose optimization in a diverse population and that can improve the use of available old and new drug formulations in clinical settings or in veterinary practice. Research areas may include the following crucial issues for the successful therapy of animals and humans: PK and PD studies which suggest optimization of the dosing regimens of new and older drug molecules; drug–dietary (food) supplements interactions; drug–drug interactions and drug–feed additives interactions are also of great interest if adjustment of the dosing regimen is required. New drug formulations with improved pharmacokinetic and pharmacodynamics profiles are of interest. We look forward to receiving your contributions with the hope of shedding more light on the contemporary options for the optimization of drug administration of available old and new pharmaceutical formulations.

Guest Editors

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Editor-in-Chief

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