Special Issue

Innovations in Drug Delivery, Pharmacometrics, and Clinical Studies in Veterinary Medicine

Message from the Guest Editors

This Special Issue requests cutting-edge research on drug formulation tailored for veterinary medicine, the application of physiologically based pharmacokinetic (PBPK) models, and the optimization of dosing regimens through PK/PD modeling. Therefore, it will bring together leading research and review articles on the development and application of drug delivery systems in veterinary medicine, the role of pharmacometrics in optimizing dosage and treatment regimens, and the results of clinical studies that highlight advancements in therapeutic approaches for animals. It underscores the importance of understanding species-specific physiological differences for tailoring drug delivery and action. The articles encompass preclinical in vitro and in vivo models, population pharmacokinetics, and the extrapolation of data between species, which are vital for the regulatory approval and clinical translation of veterinary drugs. We welcome submissions from researchers working at the interface of pharmacy, veterinary medicine, pharmacology, and related disciplines.

Guest Editors

Prof. Dr. Eryvaldo Sócrates Tabosa Do Egito

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Deadline for manuscript submissions

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