

Special Issue

Advances in Veterinary Pharmacology and Toxicology: From Molecule to Clinical Practice

Message from the Guest Editors

Advances in Veterinary Pharmacology and Toxicology: From Molecule to Clinical Practice focuses on the growing body of knowledge that connects molecular mechanisms with practical decision-making in veterinary medicine. The theme encompasses research exploring how drugs interact with biological systems, how pharmacokinetic and pharmacodynamic processes vary across species, and how these insights can refine therapeutic strategies. It also covers the study of toxic agents relevant to animals, including environmental chemicals, feed contaminants, and drug-related toxicities. By highlighting developments in analytical methods, biomarker identification, mechanistic toxicology, and translational approaches, this topic emphasizes the importance of integrating molecular evidence with clinical reasoning. The Special Issue aims to illuminate how advances in pharmacology and toxicology contribute to safer treatments, improved therapeutic efficacy, and better protection of animal health and welfare.

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About the Journal

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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