

## Special Issue

# Review Paper Special Issue: Nutritional Metabolism and Toxic Diseases in Veterinary Medicine

### Message from the Guest Editor

The Special Issue focuses on the intricate and multidimensional relationship between nutritional metabolism, toxicology, and the pathogenesis of various systemic diseases in animals. Nutritional imbalances, whether arising from nutrient deficiencies or over-supplementation, and exposure to dietary or environmental toxins both can disrupt homeostatic metabolic pathways, leading to profound physiological and pathological consequences. These include but are not limited to hepatic and renal dysfunction, cardiovascular and respiratory disorders, reproductive failures, neurological syndromes, and endocrine abnormalities. This Special Issue aims to consolidate current knowledge on nutrient metabolism and veterinary toxicology, exploring how impaired metabolic functions contribute to disease onset and progression across companion animals, livestock, and wildlife. The course places particular emphasis on molecular and cellular mechanisms, diagnostic biomarkers, and therapeutic and preventive strategies aimed at mitigating disease risk and improving clinical outcomes. Please note that **only review-type** articles will be considered.

### Guest Editor

Prof. Dr. Zilong Sun

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### Deadline for manuscript submissions

28 February 2026



## Veterinary Sciences

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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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### Editor-in-Chief

Prof. Dr. Patrick Butaye

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