



Antimicrobial Use in Companion Animals—2nd Edition

Guest Editors:

Dr. George Valiakos

Laboratory of Microbiology and Parasitology, Faculty of Veterinary Medicine, School of Health Sciences, University of Thessaly, 43100 Karditsa, Greece

Dr. Ihab Habib

Department of Veterinary Medicine, College of Agriculture and Veterinary Medicine, United Arab of Emirates University, Al Ain 52571, United Arab Emirates

Deadline for manuscript submissions:

closed (28 February 2025)

Message from the Guest Editors

Currently, antimicrobial resistance (AMR) is a serious and complex issue. It is now generally accepted that antimicrobial use (AMU) plays a major role in the prevalence of antimicrobial-resistant bacteria in a microbial population. As the issue of AMU has been addressed only quantitatively, the focus has fallen for several years on AMU in food-producing animals, where the largest quantity of antimicrobials is being used. However, companion animals are now increasingly recognized as a reservoir and source of transmission of resistant microbes for other animals and humans. However, the extent to which this occurs is still unknown. As the number of households that own a companion animal is large and constantly increasing (nearly 200 million in Europe alone), significant concerns are raised regarding the lack of knowledge on the risk factors and transmission routes for the transfer of AMR between these animals and humans. This Special Issue aims to gather and publish significant additional knowledge on all of these issues, hosting relevant research studies and reviews.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick Butaye

1. Department of Pathobiology,
Pharmacology and Zoological
Medicine, Faculty of Veterinary
Medicine, Ghent University,
Salisburylaan 133, B9820
Merelbeke, Belgium
2. Department of Infectious
Diseases and Public Health,
Jockey Club College of Veterinary
Medicine and Life Sciences, City
University of Hong Kong, 31 To
Yuen Street, Kowloon, Hong
Kong SAR 999077, China

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).

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

Contact Us

Veterinary Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vetsci
vetsci@mdpi.com
[X@Vetsci_MDPI](https://twitter.com/Vetsci_MDPI)