

Special Issue

Advances in Antimicrobial Resistance and Antibiotics Development in Companion Animals

Message from the Guest Editors

Antimicrobial resistance (AMR) threatens One Health initiatives, impacting human, animal, and plant health, increasing morbidity/mortality, reducing farm productivity, and jeopardizing food security. WHO identifies contributing factors including poor sanitation/hygiene, inadequate infection control in healthcare/farms, lack of vaccines/diagnostics, and insufficient legislation/awareness.

This Special Issue invites submissions to advance understanding of AMR in companion animals (including horses). Topics include:

- AMR epidemiology in companion animals
- Human-pet AMR transmission dynamics
- Molecular traits of multi-drug resistant bacteria in pets
- Infection control in veterinary clinics/hospitals
- Antibiotic stewardship and novel drug development
- Colonization/infection mechanisms of resistant pathogens

Original research and reviews are welcome.
Submissions are welcome.

Guest Editors

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Deadline for manuscript submissions

20 July 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/240241

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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