

Special Issue

Antimicrobial Resistance and Infections in Veterinary Settings

Message from the Guest Editors

Since their discovery in 1928, the application of antimicrobials in veterinary medicine and their use in animals (both companion and food-producing species) for fighting disease-causing microorganisms has significantly increased. The prolonged use and/or misuse of antimicrobial treatments in veterinary medicine can contribute to the emergence of antimicrobial resistance in bacteria and fungi. The resistance to antimicrobials poses a direct threat to animal health and welfare, as well as adversely affecting the safety of our food supply. This could subsequently lead to major public health repercussions. This Special Issue seeks manuscript submissions that further our understanding of antimicrobial resistance in veterinary settings to continue supporting antimicrobial stewardship and preserving their effectiveness. Research areas may include, but are not limited to, the following topics: assessing trends or the emergence of antimicrobial resistance in disease-causing bacterial and fungal microorganisms originating from different animal species and comparing antimicrobial-resistant genes and phenotypes for clinical isolates of veterinary and/or public health importance.

Guest Editors

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Deadline for manuscript submissions

30 September 2026



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/199569

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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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