

Special Issue

One World, One Health: Combatting the Spread of Multidrug-Resistant Pathogens at the Human–Animal– Environment Interface

Message from the Guest Editor

The "One World, One Health" approach recognizes that human, animal, and environmental health are deeply interconnected, particularly in the fight against multidrug-resistant (MDR) pathogens. The rise in antimicrobial resistance (AMR)—fueled by antibiotic overuse in healthcare, agriculture, and aquaculture—poses a grave global threat. Resistant bacteria spread across species through contaminated food, water, soil, and direct contact, undermining modern medicine and increasing mortality rates. By prioritizing cross-sector collaboration, sustainable practices, and public awareness, the One Health framework offers a path to curb AMR's spread, protect vulnerable populations, and preserve antimicrobial efficacy for future generations. This Special Issue provides an opportunity to exchange research results, expertise, and opinions on the Multidrug-Resistant Pathogens.

Both original research articles and review papers are welcome. We look forward to receiving your valuable contributions and advancing this exciting and impactful field together.

Guest Editor

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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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