

Special Issue

Antimicrobial Usage Monitoring Systems and Stewardship of Antimicrobials in Animal Health

Message from the Guest Editor

Inappropriate and overuse of antimicrobials, in particular antibiotics, in human and veterinary medicine are classified as the main key factor for the emergence of new drug-resistant microorganisms. In animals, antimicrobials are used for different purposes, such as therapeutic and prophylactic, to maintain performance and animal welfare. The identification of the gap in control and register systems, as well as continuous monitoring and surveillance of antimicrobial usage in animals are essential to improve antimicrobial stewardship and change/upgrade the measures on a global scale. This Special Issue aims to provide the opportunity to publish original research papers and reviews on antimicrobial usage, evaluating the impact on animal health, including the design and implementation of programs, measures and research, cross-sectional survey design, and implications in tackling antibiotic resistance.

Guest Editor

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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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