

## Special Issue

# Antimicrobial Use and Resistance in Livestock and Food Animals

### Message from the Guest Editor

Antimicrobial resistance in livestock and food animals including poultry, swine, sheep, and cattle has emerged as a health risk. Antibiotic resistant bacteria can be transferred to humans through food and direct handling. The aim of this Special issue is to provide a comprehensive overview of the current state of antimicrobial resistance in livestock and food animals. Manuscripts dealing with the emergence, epidemiology, control, as well as molecular and genetic basis of antimicrobial resistance emergence and dissemination are of special interest. Studies addressing the dissemination of antimicrobial resistance from animals/farms to humans and other animals, farms, and the environment are also highly encouraged. Another important goal of this Special Issue is to gather various aspects of antimicrobial resistance in one place to help readers to better comprehend the field. By providing studies from different facets of antimicrobial resistance, this issue will serve as a useful addition of existing literature and help to advance our current understanding of the field.

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### Guest Editor

Dr. Amit Vikram  
Intralaytix, Columbia, MD, USA

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### Deadline for manuscript submissions

closed (25 August 2024)



## Animals

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Impact Factor 2.7  
CiteScore 5.2  
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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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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips  
Curtin University Sustainable Policy (CUSP) Institute, Curtin University,  
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