

Special Issue

Antimicrobial Resistance in Bacterial Zoonoses

Message from the Guest Editor

Zoonoses are diseases that are naturally transmitted between vertebrate animals and human beings, either directly (by contact, ingestion, or inhalation) or via fomites or biological vectors, when arthropods are involved. Bacterial pathogens are often transmitted between animals (pets, livestock, and wildlife) and humans. In addition, bacteria have the ability to acquire and disseminate resistance traits. The interplay between antimicrobial resistance, virulence factors, and mobile genetic elements in the dissemination of these traits highlights the complexity of managing the bacterial infections in animal and human populations. This Special Issue aims to provide comprehensive insights into the challenges posed by antimicrobial resistance and virulence in zoonotic bacteria in a One Health perspective. Submissions of both original research and review articles are welcome.

Guest Editor

Dr. Valentina Virginia Ebani

1. Department of Veterinary Science, University of Pisa, Viale delle Piagge 2, 56124 Pisa, Italy
2. Centre for Climate Change Impact, University of Pisa, Via del Borghetto 80, 56124 Pisa, Italy
3. Interdepartmental Research Center "Nutraceuticals and Food for Health", University of Pisa, 56124 Pisa, Italy

Deadline for manuscript submissions

30 April 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/245596

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia

2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)