

# Special Issue

## Animals as Reservoir of Antimicrobial Resistance

### Message from the Guest Editors

Antimicrobial resistance (AMR) is one of the biggest challenges for public health this century. This Special Issue proposes to build upon one more piece of the AMR in animals puzzle, through attracting and agglutinating the new data, updates, opinions, points of view and scientific perspectives of animals as reservoirs and disseminators of AMR.

- Antimicrobial resistance.
- Multidrug-resistant bacteria.
- Extended-spectrum beta-lactamases (ESBL).
- Carbapenemases.
- Mobile colistin resistance (mcr) genes.
- Plasmid-mediated quinolone resistance (PMQR).
- Methicillin-resistant *Staphylococcus aureus* (MRSA).
- Vancomycin-resistant enterococci.

### Guest Editors

Dr. Josman Dantas Palmeira

UCIBIO, Faculty of Pharmacy, University of Porto, Porto, Portugal

Dr. Helena Ferreira

Microbiology, Biological Sciences Department, Faculty of Pharmacy, University of Porto, 4050-313 Porto, Portugal

### Deadline for manuscript submissions

closed (23 February 2023)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/115886](https://mdpi.com/si/115886)

*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto: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. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, 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)