

Special Issue

Tackling *Salmonella* Resistance in Animals

Message from the Guest Editors

We are pleased to invite you to submit a contribution to the Special Issue, entitled “Tackling *Salmonella* Resistance in Animals”, which aims to deepen the knowledge on the development of resistance in this bacterium and its implications for public health. We strongly believe that this Special Issue can be an opportunity to gather significant and relevant information on *Salmonella* resistance in animals, while adopting a One Health approach. Original research articles and reviews are welcome. Topics of interest include, but are not limited to:

- Epidemiological trends and temporal dynamics of antimicrobial resistance (AMR) in *Salmonella*.
- Resistance to critically important antimicrobials (CIAs), particularly third-generation cephalosporins and fluoroquinolones.
- Molecular mechanisms of resistance.
- Characterization of presumptive ESBL-, AmpC-, and Carbapenemase-producing *Salmonella*.
- Multidrug resistance (MDR).
- Emerging MDR and zoonotic serovars.
- Plasmid diversity and mobile genetic elements.
- Biocide resistance.
- Biofilm formation by resistant *Salmonella*.
- Whole-genome sequencing (WGS) and other ‘omics’ technologies for AMR *Salmonella* surveillance systems.
- Novel strategies to combat resistance.

Guest Editors

Prof. Dr. Rafael Jesús Astorga Márquez

Dr. Angela Galán Relañó

Prof. Dr. Antonio Valero Díaz

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Deadline for manuscript submissions

31 October 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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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.

Editor-in-Chief

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