

Special Issue

Bacteria Disease Research in Livestock and Poultry: Epidemiology, Pathogenicity, Drug Resistance and Control

Message from the Guest Editor

Geographical, demographic, environmental, and social characteristics have driven a global rapid development of the livestock and poultry industry. However, it is undeniable that this development has brought about significant issues, such as infectious diseases, antibiotic resistance, and ecological issues. The harm caused by infectious diseases is second to none. The current scenario in bacteria-related infectious diseases in livestock and poultry has attracted the attention of researchers, prompting them to explore the epidemiology, pathogenic mechanisms, drug resistance and transmission mechanisms, as well as prevention and control strategies. We welcome researchers to submit their original research and reviews. Research areas include (but are not limited to) the following:

- Epidemiology;
- Pathogenic mechanisms;
- Antimicrobial resistance mechanisms;
- Emerging and endemic bacterial infections;
- Development of accurate typing methods to track the dissemination of zoonotic bacteria;
- Development of sustainable detection methods to tackle bacterial infections;
- Strategies for preventing and controlling livestock- and poultry-related bacteria.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)



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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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