

Special Issue

Diarrhea in Neonatal Ruminant Calves: Diagnosis and Treatment

Message from the Guest Editor

This Special Issue will address the critical challenge of neonatal diarrhea in ruminant calves, a major cause of economic losses and high mortality in livestock farming. We welcome cutting-edge research and reviews exploring improved diagnostic methods, effective treatments, and preventive strategies to enhance calf health and production efficiency. Contributions are invited in the following key areas:

- Etiology and Pathogenesis—bacterial, viral, parasitic, and nutritional causes of diarrhea;
- Diagnostic Advances—rapid tests, molecular diagnostics, and biomarkers for early detection;
- Treatment Strategies—antimicrobial therapies, alternatives (probiotics, phage therapy, immunomodulators), and supportive care;
- Prevention and Control—vaccination, colostrum management, and biosecurity measures;
- Nutritional Interventions—the role of milk replacers, electrolytes, and feed additives;
- Antimicrobial Resistance (AMR)—responsible use of antibiotics and AMR mitigation;
- Economic and Welfare Impacts—cost-effective solutions and best management practices.

Guest Editor

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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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