

Special Issue

Recent Advances in the Management of Vector-Borne Diseases in Ruminants

Message from the Guest Editor

Vector-borne diseases (VBDs) in ruminants are of huge concern worldwide. The animals affected by VBDs can show symptoms of fever, anemia, and lethargy, and may have to undergo abortions, yielding losses and ultimately resulting in significant economic losses in animal agriculture. In addition, some ruminant VBDs are zoonotic in nature, which can pose a major threat to public health as well. In this Special Issue, we aim to publish research articles that improve methods for the prevention/treatment of VBDs in ruminants. Research topics include (but are not limited to) drug testing/resistance, vaccine development, the range expansion of vectors/VBDs, climate change impact on VBDs, the One Health approach, vector biology/behavior, vector ecology/control, pesticides/repellents, pesticide resistance, and other related areas. Studies that deal with the ecology, management, and pathology/pathogenesis of emerging or understudied VBDs, zoonotic VBDs, and other neglected tropical diseases are particularly welcome. Review articles that provide a comprehensive evaluation of literature on the prevention/treatment of VBDs in ruminants will also be considered.

Guest Editor

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Deadline for manuscript submissions

31 October 2025



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/228762

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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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