

## Topical Collection

# Veterinary Microbiology in Farm Animals

### Message from the Collection Editors

Unlike medical microbiology, which focuses on just one species, veterinary microbiology covers the full range of vertebrates other than humans and some invertebrates, too. Veterinary microbiology in farm animals is concerned with the etiology, pathogenesis, diagnosis and treatment of infection in the individual and with the epidemiology, prevention, and control of infections in the community. It includes microbial (bacterial, fungal, viral) diseases of animals that supply food or other products. It also deals with microbial diseases of wild animals (both feral and living in captivity) for their interrelation with farmed animals. We invite original research papers that address the microorganisms and the diseases which they cause, the international and public health significance of pathogens, especially in the context of one health, and the important role played by animals as reservoirs of zoonotic diseases, including aspects of control, host response, molecular biology, pathogenesis, prevention, and treatment of microbial diseases of animals and antimicrobial resistance.

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## Animals

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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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### Editor-in-Chief

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