# Special Issue

# Diagnosis and Pathogenesis of Infectious Diseases in Livestock

## Message from the Guest Editor

Livestock provide food and income for people across the world. Understanding and controlling disease is critical not only to the health and wellbeing of the animals, but also to the food supply chain and the health of humans. Understanding the pathogenesis of disease allows for better diagnostics, preventative medicine, and therapeutics. With the rapid advent of worldwide epidemics and zoonotic spread of disease, the pathogenesis of diseases of livestock also has an impact on the science of human disease. Diagnostic investigations are central to providing context for treatment, management, and prevention plans. Understanding not only the tests available for disease, but also the contexts of when and how these are used by veterinarians and livestock caregivers allows for efficient, economical diagnosis and rapid returns on investment of resources. This Special Issue focuses on the diagnostic process, as well as on a broad understanding of the breadth of tests available for livestock infectious disease diagnosis. Additionally, this issue covers the pathogenesis of infectious disease in livestock, with particular focus on comparative pathology and pathogenesis across species.

## Guest Editor

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## Deadline for manuscript submissions

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# About the Journal

## Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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