

## Special Issue

# Epidemiology of Cattle Diseases: Data Collection and Analytical Methods for Disease Control and Sustainable Production

### Message from the Guest Editor

Epidemiologists have long recognized that the occurrence and control of animal disease involves more than just the etiologic agents. The application of epidemiology is needed to understand the complex interplay of the agents, hosts, environments, and human interactions in management to produce or prevent disease. The tools for applied and analytical epidemiology are necessary to address these complex and multifaceted aspects of disease causation and its impacts on production, the environment, and economic outcomes. It is critical that we assure collected data is valid, and that we use valid methods to analyze and interpret this data. This Special Issue aims to address the advances in valid data collection and the availability and advances in analytical tools to analyze and interpret cattle disease risk and impacts. We encourage the submission of data collection methods and the application of analytical methods, including novel analytical methods, to take best advantage of available data. Diverse impact measures including disease, production, economic, sustainability, and environmental are welcomed. Original research, synthesis research, and targeted reviews are welcome.

### Guest Editor

Prof. Dr. Michael W Sanderson

Epidemiology and Beef Production Associate Director, Center for Outcomes Research and Epidemiology W.S and E.C Jones Professor of Epidemiology, Department of Diagnostic Medicine and Pathobiology, Kansas State University, Manhattan, KS, USA

### Deadline for manuscript submissions

closed (31 March 2022)



## Pathogens

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## About the Journal

### Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

*Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

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