

## Special Issue

# Epidemiology of Infectious Diseases in Wild Animals

### Message from the Guest Editors

Wildlife conservation is a prominent demand worldwide. Against this trend, the increasingly promiscuous maintenance of domestic and wild animal species and their increasing contacts caused mainly by sharing the same space, as well as their close relationship with humans—often in poor sanitary conditions—are aggravating public health problems. In fact, this situation favors the emergence of different infectious diseases that can cause dangerous outbreaks and can even lead to health disasters for animals or humans. In this context, epidemiological studies of infectious diseases are essential for public health, since monitoring these diseases helps to prevent outbreaks and protect the human/animal population, which are important for the conservation of species and ecosystems. Finally, understanding the dynamics of diseases in wild populations can reveal how ecological interactions influence transmission and virulence, aiding in the development of appropriate management strategies. These studies, therefore, are fundamental to promoting ecosystem health, protecting public health, and ensuring the sustainability of human activities that depend on wildlife.

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### Guest Editors

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## 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

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