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One Health and Transboundary Diseases

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Message from the Guest Editors

One Health is "the collaborative efforts of multiple disciplines working locally, nationally, and globally, to attain optimal health for people, animals and our environment", as defined by the One Health Initiative Task Force (OHITF).

Transboundary Diseases (TDs) may be defined as those epidemic diseases which are highly contagious or transmissible and have the potential for very rapid spread, irrespective of national borders, causing serious socio-economic and possibly public health consequences.

In recent times it has become increasingly recognized that the effective prevention and control of TDs requires the efforts of multiple disciplines but little has been published on programs where this has successfully been carried out or on methodology illustrating the application of One Health principles to the prevention and control of TDs. It is hoped this special edition will afford scientists an opportunity to share their experiences and research in this regard so that a case can be built for the application of One Health to TDs.



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Special Issue



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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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