

## Special Issue

# One Health: New Approaches, Research, and Innovation to Zoonoses—2nd Edition

### Message from the Guest Editor

Zoonoses are diseases or infections that are naturally transmissible from vertebrate animals to humans. Zoonotic pathogens may be bacterial, viral, or parasitic or may involve unconventional agents and can spread to humans through direct contact or through food, water, or the environment. They represent a major public health problem around the world due to our close relationship with animals in agriculture, as companions, and in the natural environment. The One Health concept highlights the strong relationship between the health of people, animals, and ecosystems and emphasizes the necessity of collaboration among professionals from various domains – including medicine, veterinary science, and environmental science – for effective control and health risk prevention. The overall goal of this Special Issue is the presentation of research and innovation for an improved comprehension of zoonoses focusing on the human–animal–environment interaction, covering the role of bacterial, viral, parasitic, fungal, and prion infections, as well as wildlife and other vectors (including arthropods), in the (re-)emergence and transmission of zoonotic pathogens.

### Guest Editor

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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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