

Special Issue

One Health and Neglected Zoonotic Diseases

Message from the Guest Editors

The One Health concept emphasizes the importance of working collaboratively at the human–animal–ecosystem interface to predict, prevent, detect, respond to, and control infectious diseases. To understand disease transmission, it is important to review some definitions; the host or reservoir of a pathogen is the habitat in which the agent normally lives, grows, and multiplies while the host could be animals, humans, or the environment. It is estimated that 61% of human pathogens worldwide are zoonoses, a subgroup that comprises 75% of all emerging pathogens of the past decade. COVID-19 exposed the gaps in scientists' knowledge on how diseases could spillover from animals to humans. This Special Issue therefore aims to discuss the current status and root causes of zoonotic diseases and the human–animal interphase.

Guest Editors

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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.

Editor-in-Chief

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