

Special Issue

Emerging and Re-emerging Viral Infectious Diseases

Message from the Guest Editor

In recent years, a significant increase in the emergence of infectious diseases has been observed. Several of these pathogens, such as different betacoronaviruses, arboviruses (Dengue Chikungunya and Zika virus), and Ebola viruses, have important public health implications. This increased incidence of infectious diseases is a complex interface of host–pathogen–environment and is influenced by international trade and the changing distribution of disease vectors. Authors are invited to submit original research articles, clinical studies, and review articles in areas of viral zoonotic diseases. Potential topics include, but are not limited to:

- Biosurveillance of pathogen wildlife, One Health approach;
- Spatial and temporal epidemiology: unveiling hazard and vulnerability;
- Virus genetics (phylogenetics, next-generation sequencing), multiple infection: understanding the molecular basis of the pathogen complex;
- Genetics and ecology of reservoirs and vectors: the host–pathogen complex;
- Pathogenesis: infection patterns (natural, chronic, subclinical, etc.) and mechanism of transmission (direct, indirect, etc.).

Guest Editor

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Deadline for manuscript submissions

closed (15 March 2023)



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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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