



Emerging and Re-emerging Pathogens

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Message from the Collection Editors

In recent decades, many emerging microbial diseases have been reported to cause both animal and human infections. Although certain emerging diseases are still localized in some areas, several emerging diseases have been disseminated globally. Incidences of emerging or reemerging infectious diseases have exerted potential threats on human health due to increased cross-border travels and trades. Many novel human pathogens were reported to be caused by infectious vectors or reservoirs including farm mammals, poultry, and arthropods. These cross-species transmissions and infections were reported to lead to high mortality in human cases. It is suggested that emerging or re-emerging pathogens, especially viruses, are potential threats and should be intensively monitored and surveyed.

For this Special Issue, we welcome papers on new pathogen identification, diagnosis and detection, host-pathogen interactions, pathogenicity, molecular epidemiological survey, host immune response to invasion and novel antiviral drug development.

We look forward to publishing your latest research with new exciting findings.





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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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