

Special Issue

Emerging and Neglected Viruses and Zoonoses

Message from the Guest Editors

In the past decade, the incidence of emerging and re-emerging viral infectious diseases has increased and represents a significant threat to global health. Most emerging pathogens are zoonotic, especially arthropod-borne. SARS-CoV and MERS-CoV are also zoonotic. COVID-19 is an ongoing global pandemic caused by another novel coronavirus, SARS-CoV-2. Another important group of zoonosis are rodent-borne. Hepatitis E virus is also an emerging virus. Neglected viruses include Rabies virus, lymphocytic choriomeningitis virus, sandfly fever viruses, and Toscana virus. Other emerging and neglected viruses include Henipavirus, Picornavirus and Filoviridae, Poxviridae, and Reoviridae. In this Special Issue, we focus on all aspects of emerging and neglected viruses and zoonoses. Topics of interest include (but are not limited to) epidemiology, vector competence, disease pathogenesis, virus–host interactions, virulence factors, clinical aspects, immune response, and diagnostic methods. This issue will also highlight the role of a multidisciplinary approach ('One Health') in the surveillance and control of zoonotic diseases.

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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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