

Special Issue

Arboviruses Infections and Pathogenesis

Message from the Guest Editors

Arboviruses are a group of viruses that are transmitted to vertebrate hosts by hematophagous arthropod vectors. These vectors are commonly mosquitoes, ticks, sandy flies, and other arthropods. Arboviruses, such as the dengue virus (DENV); yellow fever virus (YFV); Chikungunya virus (CHIKV); Zika virus (ZIKV); Japanese Encephalitis Virus (JEV); and Rift Valley fever virus, etc., can affect both humans and animals causing great concern for public health worldwide for potential emergent or re-emergent diseases, with epidemic outbreaks and the introduction of the endemic circulation of species previously confined to tropical and subtropical regions.

This Special Issue will focus on and cover a wide range of topics about arboviruses, including recent advances in understanding the pathogenesis of arbovirus, its molecular interactions with host cells, and new developments in diagnostic methods and therapeutic strategies, research articles, and review articles related to the topic are welcome.

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

Prof. Dr. Hinh Ly

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