Special Issue

Arthropod-Borne Flavivirus Infections: One-Health Approaches in Epidemiology, Pathogenesis, Diagnosis, Prevention, and Treatment

Message from the Guest Editors

Flaviviruses are arthropod-borne RNA viruses that can infect humans. The transmission of arboviruses depends on vector biology and climate anomalies. It is important to prevent, detect and treat vector-borne flavivirus infections since the combined effect of the COVID-19 and flavivirus outbreaks could seriously impact populations at risk. Since it is difficult to predict the emergence or re-emergence of a particular pathogen in the human population, it is important to raise awareness among healthcare workers to consider the differential diagnosis of flavivirus infections in people living in or returning from endemic areas. However, a multidisciplinary approach is needed to better understand this field. Therefore, it is important to implement the “One Health” approach from disciplines concerning animal, human and environmental health to reduce the disease burden.

We would like to invite colleagues investigating any of the arthropod-borne flaviviruses within the areas of their ecology, genomics, immunology, detection, public health, and epidemiology to submit their manuscripts to this Special Issue in the form of original research and reviews.

Guest Editors

Dr. Irena Tabain

Department of Virology, Croatian Institute of Public Health, 10000 Zagreb, Croatia

Dr. Vladimir Savic

Poultry Center, Croatian Veterinary Institute, Zagreb, Croatia

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Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Hinh Ly
Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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