

Special Issue

Ecology and Evolution of Viral Pathogens: From Wildlife to Human Infections

Message from the Guest Editor

In this Special Edition, We want to house a robust set of current scientific production on topics ranging from the impact on habitats and their effects on wild animal populations that could contribute to the transfer of new pathogens to humans and other animals, to initiatives aimed at from monitoring viruses with zoonotic potential, to possible platforms for generating new diagnostics, therapies and vaccines, fundamental tools for tackling emerging and re-emerging pathogens that we will encounter as challenges over the coming years. Both original research and review articles on this topic are welcome. Potential topics include: Studies that bring together the nuances of disruption in the homeostasis of natural systems and evident disturbances in the response capacity of wildlife populations to emerging viruses; Cross-sectional and longitudinal studies aiming monitor and discover viral agents with zoonotic potential in wild fauna; Specific or broader initiatives to compose studies on the implementation of cost-effective tools for surveillance, diagnosis, therapy and vaccine platforms for viruses with zoonotic potential in the context of pandemic preparedness.

Guest Editor

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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. Moriya Tsuji

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