

Special Issue

Bluetongue and Other Orbiviruses

Message from the Guest Editor

Diseases caused by orbiviruses in livestock have become a major concern in regions where these viruses were previously considered “exotic”. Over the last two decades, there has been a steady emergence of new orbiviruses, along with the re-emergence of previously known viruses after years of absence. Several serotypes of bluetongue virus (BTV) and epizootic hemorrhagic disease virus serotype 8 (EHDV-8) have spread across many countries in Europe, significantly affecting sheep and cattle, respectively. Moreover, multiple serotypes of BTV and EHDV have emerged in the Middle East, North Africa, the Far East and Asia, and North and South America, while the ongoing circulation of various BTV serotypes has been reported in both South Africa and Australia. Additionally, equine encephalosis virus serotype 6 recently caused an outbreak in horses in Israel. This Special Issue will focus on all aspects of orbivirus epidemiology and diagnostics and data from screening and surveillance programs. We welcome manuscripts reporting recent advances in the development of genetic tools for studying arbovirus–vector or arbovirus–host interactions.

Guest Editor

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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

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