



## Bunyavirales Infections

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### Message from the Guest Editor

The order Bunyvirales is one of the largest groups of RNA viruses encompassing major pathogens that infect humans, animals, and invertebrates (i.e., plants and insects). Because of their segmented genomes, members of the Bunyvirales are capable of a rapid recombination, which increases the risk that quasispecies can cause new outbreaks. Bunyaviruses that infect mammals are transmitted by vectors such as hematophagous arthropods (i.e., mosquitoes, midges, flies, and ticks) and various rodent species. In contrast, little is known about human-to-human transmission, except for phlebovirus infections. The viruses of the order Bunyvirales may cause few symptoms, but others may cause hemorrhagic fever, systemic infections, and even death in humans, and intrauterine infections in ruminants may result in various fetal pathologies such as births of malformed offspring and abortions, in addition to subclinical infections in adults.





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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.

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