

Special Issue

Animal Retrovirus

Message from the Guest Editor

Feline Immunodeficiency Virus (FIV) is a pathogen responsible for an immunodeficiency syndrome in domestic cats and wild felines. Besides its impact in domestic veterinary practice, this infection threatens some populations of endangered wild species. Since it was discovered at the end of the 1980s, FIV has also been studied as a potential animal model for HIV pathogenesis. Indeed, it appears to be the only non-primate lentivirus inducing an AIDS-like disease in its natural hosts. Characterization of FIV epidemiology, viral replication and pathogenesis have helped understand the similarities between FIV and HIV, but also the peculiarities of FIV compared to its human homolog. Nonetheless, a better understanding of virus epidemiology, inter-individual transmission, antiviral immune responses and molecular mechanisms of viral replication is still needed to develop specific anti-FIV strategies.

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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