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Diagnostics of Animal Viral Infectious Diseases

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Deadline for manuscript submissions:
closed (1 June 2024)

Message from the Guest Editors

Animal viral diseases play a major role in animal health and can lead to suffering, death, and economic losses worldwide, threatening global health as well as food security. Their correct and early diagnosis allows local and national authorities to rapidly react and control the outbreak as well as spread of diseases. To this end, it is of the utmost importance to establish and validate novel diagnostic strategies which, in the long run, will allow better treatment and prevention of animal viral diseases.

The diagnosis of viral infectious diseases can be performed by the direct and/or indirect detection of infectious agents. Direct diagnostic assays can either be based on the amplification and detection of viral nucleic acids or on the isolation and/or replication of the causative agent, hence offering relatively accurate disease confirmation. Indirect diagnostic methods observe the effects of a virus in an infected animal or tissue.

Any of those working within the areas of genetics, virology, genomics, immunology, detection, and public health development are welcome to submit their manuscripts to this Special Issue in the form of original research and reviews.

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Editor-in-Chief

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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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