Special Issue

Current Challenges in Veterinary Virology

Message from the Guest Editors

Achievements and failures of the modern world like globalization, urbanization, climate change, and ecological disruption, together with the adaptable nature of viruses, pose new threats like the emergence and spread of new viruses or the re-emergence of already known pathogens. These phenomena are a great challenge to the modern veterinary virology. However, currently new technologies and concepts allow novel approaches in diagnostics and multifactorial analyses of pathogens' biology as well as give better insight in their interaction with the host. All these efforts lead to a better understanding of viral pathogenesis, providing the key knowledge for the development of new prevention or treatment strategies. This Special Issue is dedicated to recent research in the field of animal viruses. We cordially invite scientists to contribute their original studies, communications, or review articles focused on the following:

- Diagnostics;
- Pathogenesis;
- (Immuno)pathology;
- Epidemiology;
- Virus-host interactions;
- Omics and metabolomics aspects;
- Virus evolution;
- Prophylaxis and prevention strategies;
- Zoonotic potential.

Guest Editors

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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

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