



Influenza Virus and Vaccination

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Message from the Guest Editors

Dear Colleagues,

Influenza viruses pose a threat to human health and are responsible for global epidemics every year. During the last years, research has been conducted into many alternative approaches to influenza vaccine development, including the generation of universal vaccines. Notably, the significant progress in the field of influenza infection, transmission, and immunity have contributed to our understanding of influenza biology, and to expanding the technological approaches for the generation of more efficient strategies against influenza infections. Moreover, highly remarkable developments have been made in the implementation of new methodologies to evaluate the efficiency of vaccines, and in improved vaccines for domestic animals such as poultry, horses, dogs or pigs that will enable us to decrease the exposure of humans to potentially pandemic viruses. Articles in this Special Issue will address the importance of influenza in human health, and the advances in influenza research leading to the development of better therapeutics and vaccination strategies.

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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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