

Special Issue

Advance in Influenza A Virus

Message from the Guest Editor

The influenza A virus (IVA) has been present for centuries, with remedies such as the influenza vaccine and specific anti-influenza treatment (i.e., amantadine, oseltamivir) having been around for nearly a century or for several years, respectively. Nevertheless, IAV continues to cause illness every 6 seconds and a death every 2 minutes today. To combat influenza, we need to understand virus biology at the cellular and organism level and combine this knowledge with human immunology, physiology and genetic, as well as epidemiological data, basic knowledge on the chemistry of antivirals, as well as development and formulation of vaccines. In this Special Issue of *Pathogens*, we invite you to submit research articles, reviews or short communications focused on the recent advances in IAV biology, including cell entry, replication, virus budding and release, IAV genetics and structure, as well as virus–host interaction, development of new antivirals and vaccines, and finally, IAV diagnostics and epidemiology.

Guest Editor

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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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