



Emerging Influenza Viruses and Anti-influenza Vaccines

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Message from the Guest Editors

Avian influenza is a highly contagious viral disease that affects various livestock, domestic, and wild animals. Outbreaks of avian influenza occur regularly on poultry farms around the world. The only way to contain the epidemic is to slaughter the entire poultry population that has come into contact with infected animals, resulting in severe economic losses. On the other hand, the greatest danger is that animal influenza viruses will be transmitted to humans. In this case, the appearance of a disease with unpredictable symptoms is possible.

It should be noted that the recent pandemic caused by another disease of zoonotic origin that started to spread from human to human—COVID-19—has clearly shown the need to find new ways to develop effective vaccines. As a result, new approaches to vaccine production have been actively developed. At the same time, it is generally accepted that influenza viruses pose a pandemic threat, which requires the development of effective ways to prevent infection.

This Special Issue will bring together original research papers or reviews dealing with research into emerging influenza viruses and new approaches to influenza prevention.





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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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