



Avian Influenza Virus: New Strategies to Elicit Immune Responses and to Prevent and Control Infection

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Avian influenza virus infection (AIV) has spread worldwide spread, and is a highly contagious. AIV infection is one of the greatest causes for recent concerns to public health and the economy worldwide.

AIV has been considered to be one of the most high-priority pathogens and an economically important poultry virus. Despite the extensive research in recent decades to improve vaccine efficacies, surveillance methods, and biosecurity measures to control viral respiratory infections in poultry, recent outbreaks of AIVs have provoked notable concerns about the available measures and resources for controlling the spread of the virus and preventing disease.

Due to the importance of public health concerns of avian influenza virus and its potential economic consequences, we would like to present this Special Issue documenting the recent progress in understanding of host–virus interactions and research efforts focused on developing effective vaccines and prophylactic strategies as well as novel approaches to tailor favorable host antiviral responses to control diseases that are caused by AIV.

Dr. Neda Barjesteh

Guest Editor





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Message from the Editor-in-Chief

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