

International Forum on Ecology & Evolution of Avian Influenza

A webinar series by leading scientists (5/2021 - 12/2024)

May 25, 2021, Tuesday, 9pm - 10pm, China

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Dr. Dayan Wang is the director of Chinese National Influenza Center, National Institute for Viral Disease Prevention and Control (IVDC), China CDC. She is mainly engaged in the surveillance, variation, and evolution of influenza viruses. She received her medical degree in 1998 and a doctorate in pathogenic biology in 2003, and then she joined the IVDC, China CDC. She also worked in WHO WPRO office and China office as STC for short periods. She was Special Allowance Experts under the State Council and was awarded the Extra Prize for National Science and Technology Progress Award, the first prize of Chinese Medical Association award, and the first prize of science and technology of Chinese Preventive Medical Association. She is also a member of several professional academic societies.

Influenza surveillance in China after the emergency of COVID-19

2020 is bound to be an important year in the annals of human infectious diseases. After the emergence of COVID-19 pandemic, seasonal influenza virus activity or reported activity rapidly decreased in many countries in the world, fewer viruses were available for characterization than in previous year. The COVID-19 pandemic has had a major impact on influenza activity, however, outbreaks caused by B-Victoria lineage virus were sporadically reported especially since March 2021, with increased influenza positive rates in several provinces in China, indicating the circulation of this virus although at a lower level than winter season in previous years. What's more, human infections with zoonotic influenza virus were more frequently reported to WHO, including avian influenza viruses (H5N6, H9N2), and swine influenza viruses (H1N1, H3N2). The impact of this current relatively low influenza virus circulation on influenza activity in coming seasons is unknown, pandemic threat from emerging influenza virus still exists. Due to this uncertainty, it is imperative to maintain continuous global influenza surveillance.

Registration at <http://eomf.ou.edu/workshops/current/>

Organizers: University of Oklahoma, St. Jude Children's Research Hospital, USGS EESC;
Sun Yat-sen University; China Agricultural University; CNIC, IVDC, China CDC

Organizing Committee Chairs: Xiangming Xiao (University of Oklahoma, USA), and Yuelong Shu (Sun Yat-sen University, China)