

## Presentation by Dr Peng WU

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## **Epidemiology and risk of avian influenza**

Date: 14 June, Wednesday

Time: 12:00-13:00

Venue: P117, The Hong Kong Polytechnic University

### About the speaker

Dr Wu was originally trained in clinical medicine and has worked on infectious disease epidemiology since she graduated from the School of Public Health of the University of Hong Kong. Her primary research interest is at epidemiology, transmission dynamics and public health impact of infectious diseases. Recently she has been studying human infections with seasonal and avian influenza viruses and other common respiratory viruses including respiratory syncytial virus and hand, foot and mouth disease associated enteroviruses. She has a growing interest in antibiotic resistance particularly investigation on responsible use of antibiotics, underlying mechanisms of antibiotic resistance development and potential control interventions.

### Synopsis:

In the past two decades, newly emerged avian influenza viruses causing severe human infections have been identified particularly in Asia. Critical questions to be answered while facing outbreaks/epidemics of these viruses would include: what are the epidemiologic characteristics of the outbreak/epidemic? what are the impact and severity of infections with the new virus and how to obtain reliable estimates of those? are there any interventions potentially effective in control of the outbreak?, etc. In addition to rapid research responses to the outbreaks, continuous monitoring of human infections with the newly emerged avian influenza viruses are essential for risk assessment and pandemic preparedness.

⌘ Limited quota, first-come-first served ⌘  
⌘ ALL are Welcome ⌘



Online Registration:

<https://myacs.polyu.edu.hk/utills/mysurvey/index.php/962438/lang-en>