



香港大學

THE UNIVERSITY OF HONG KONG

Professor Patrick WOO Chiu-yat
Head and Clinical Professor Department of Microbiology
Li Ka Shing Faculty of Medicine, The University of Hong Kong

Biography

Professor Patrick Woo Chiu-yat is the Head and Clinical Professor at the Department of Microbiology, Li Ka Shing Faculty of Medicine, The University of Hong Kong. He graduated with the Bachelor of Medicine, Bachelor of Surgery (MBBS) in 1991 and obtained the Doctor of Medicine degree in 2002 from the University of Hong Kong. Professor Woo is a fellow of both the Royal College of Pathologists and the Royal College of Physicians. He joined the Department of Microbiology of The University of Hong Kong in 1997, and became Professor of Microbiology in 2006 and Head of Department in 2011.



Throughout the years, Professor Woo has established himself as one of the leaders in the field of emerging infectious diseases, novel microbe discovery and microbial genomics. In the past 15 years, Professor Woo's team has discovered more than 100 novel viruses, bacteria and fungi, most of which were named after Hong Kong or HKU.

Some of the most well-known examples include *Laribacter hongkongensis*, human coronavirus HKU1, and the recently discovered dromedary camel coronavirus UAE-HKU23 from the Middle East. His group has discovered the largest number of coronaviruses in the world and has also sequenced the first bacterial and fungal genomes in Hong Kong. These have laid down the foundation of microbial genomics studies in Hong Kong.

He has published more than 350 papers in international refereed journals, including some of the most prestigious journals such as *New England Journal of Medicine*, *Lancet*, *British Medical Journal*, *Proceedings of the National Academy of Sciences of the USA*, and has supervised more than 15 PhD students.

Awards and Achievements

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| 2015 | Croucher Senior Medical Research Fellowship
The Croucher Foundation Hong Kong |
| 2013 | Director
Research Centre of Infection and Immunology
Li Ka Shing Faculty of Medicine, The University of Hong Kong |
| 2013 | Convener
Strategic Research Theme of Infection and Immunology
The University of Hong Kong. |
| 2008 | Member
Coronavirus Study Group
International Committee for Taxonomy of Viruses |
| 2006 | Outstanding Young Researcher Award
The University of Hong Kong |
| 1990 | Ho Kam Tong Prize in Community Medicine
Faculty of Medicine, The University of Hong Kong |