



Professor Ivan Hung Fan-ngai 孔繁毅教授

Ru Chien & Helen Lieh Professorship in Health Science Pedagogy

Chair Professor, Department of Medicine, The University of Hong Kong

Chief, Division of Infectious Diseases, Queen Mary Hospital, The University of Hong Kong

Assistant Dean (Admission)

Member of the COVID-19 Expert Advisory Panel, HKSAR

Member of the COVID-19 Vaccines Advisory Panel, HKSAR

Co-Convenor of the Expert Committee on Clinical Events Following COVID-19 Immunization, HKSAR

Biography

Professor Ivan Fan Ngai HUNG is currently Chair of Infectious Diseases, Ru Chien and Helen Lieh Endowed Professor in Health Sciences Pedagogy, Professor of Medicine and Assistant Dean (Admissions), Chief of the Division of Infectious Diseases, Department of Medicine, LKS Faculty of Medicine, The University of Hong Kong, and Honorary Consultant in Queen Mary Hospital, Hong Kong. He is also Clinical Professor and Chief-of-Service of the Department of Infectious Diseases and Clinical Microbiology at the HKU-Shenzhen Hospital.

Professor Hung is a dual specialist in Infectious Disease and Gastroenterology & Hepatology. He obtained his medical degree from the University of Bristol Medical School, England in 1996. After working in the University of Cambridge Medical School and Charing Cross Hospital, London, he returned to Hong Kong in 1999 and joined the Department of Medicine, Queen Mary Hospital. He was awarded the Anti-SARS gold badge award by the Hospital Authority in 2003 for his role in combating SARS as frontline medical officer. He received the Sir Patrick Manson Gold Medal award for best M.D. thesis. He was awarded the Richard Yu Lectureship and medal in 2016 by the Hong Kong College of Physicians. He was awarded the prestigious Outstanding Researcher Award from the University of Hong Kong in 2019. He is the Fellow of Royal Colleges of Physicians of London and Edinburgh, and fellow of the Infectious Disease Society of America and Advisory Board Member of the Universal Scientific Education & Research Network (USERN).

Professor Hung has published more than 340 international peer reviewed original articles, including research articles in the Lancet, Nature, the Lancet Infectious Diseases and the Clinical Infectious Diseases. His research interest includes influenza, SARS-CoV-2 and other respiratory virus antiviral treatment and vaccinology. He has pioneered the use of the triple combination of interferon beta-1b, lopinavir/ ritonavir and ribavirin in the treatment of hospitalized COVID-19 patients, resulting in significantly faster clinical alleviation and viral load suppression. He and his team also pioneered the application of topical imiquimod before intradermal influenza vaccination, which results in protection against heterologous non-vaccine and antigenically drifted viruses. He was also the first to prove convalescent plasma and H-IVIG reduced mortality in patients with severe influenza infection in prospective clinical trials. He is ranked as HKU Scholars in the world top 1% in 2013, 2018-2022 (H-index 63 with 20695 citations). He is the world-leading expert in the field of antiviral and vaccinology for influenza and COVID-19 infection. He is currently the Editorial Board member of the Vaccine and Diagnostics medical journals. As a clinician scientist, Professor Hung believes in innovation, team-work and clinical application of translational research in tackling threats from emerging infectious diseases.

Research interests

1. Treatment of respiratory virus infection including COVID-19 and influenza infection
2. Vaccinology in influenza, COVID-19, and hepatitis B

3. Emerging infectious diseases