

# ACADEMIC LECTURE



**Prof. Ian C. K. WONG**  
**Head of Department**  
**Lo Shiu Kwan Kan Po Ling**  
**Professorship in Pharmacy**  
**HKU**

**Date: 26 May 2022 (THU)**  
**Time: 14:30 - 16:00**  
**Venue: To be held by Zoom**



## **Topic: ADHD medications and adverse health outcomes**

### **Abstract:**

Attention deficit/hyperactivity disorder (ADHD) is one of the most common neurodevelopmental disorders of childhood with worldwide prevalence rates in school-aged children estimated to be 5-7%. Some studies have reported that prenatal exposure to antidepressants increases the risk of ADHD in childhood; however, many methodological issues make it difficult to interpret the results of these studies. Our research has shown that globally, in the past two decades, medications for the treatment of ADHD has risen rapidly [1]. Safety concerns of these medications, particularly methylphenidate, have been raised by general public, healthcare professionals and regulatory agencies.

In this seminar, I will share some of the results of ADHD pharmacoepidemiology research programme in Hong Kong. I will discuss the association between traumatic injury and treatment of methylphenidate [2] and also the association of neuropsychiatric adverse events and treatment of methylphenidate [3-4].

[1] Sudha et al Lancet Psychiatry 2018 Sept.

[2] Man et al Pediatrics. 2015 Jan

[3] Man et al JAMA Psychiatry. 2017 Jul.

[4] Man et al Lancet Child Adolesc Health. 2020 Jun.

### **Biography:**

Professor Ian Wong is currently the Head of Department of Pharmacology and Pharmacy, University of Hong Kong. He is the holder of Lo Shiu Kwan Kan Po Ling Endowed Professorship in Pharmacy. He is also a co-director of Centre for Medicines Optimisation Research and Education at UCL Hospital.

As an academic pharmacist with research expertise in big data and neuropsychopharmacology, Professor Wong has over 450 publications with neuropsychopharmacology publications in World Psychiatry, JAMA Psychiatry, Lancet Psychiatry, American Journal of Psychiatry, JAMA Internal Medicine and BMJ. According to Clarivate Analytics' Essential Science Indicators, Professor Wong has been a top 1% scholar in 2015 to 2021. He was an expert member of NICE guideline development group in ADHD and Epilepsy in the UK.

In recognition of his big data research, Professor Wong was awarded Fellowship from the Royal College of Paediatrics and Child Health, Faculty of Public Health of the Royal Colleges of Physicians of the United Kingdom, the Royal Pharmaceutical Society, the British Pharmacological Society and International Society of Pharmacovigilance.

Registration is required. For enquiries, please contact 26076025.

Please display the registration name for joining the Zoom lecture.

**Please register the lecture via the link:**

**<https://bit.ly/30DycyW>**

