*for favour of posting*
*dated on: 2026/09/01*

# The Chinese University of Hong Kong
# Department of Psychiatry
# Schedule for September, 2026

| Date | Time | Activity | Speaker(s) |
|---|---|---|---|
| Sep3 | 14:30-16:30 | **Part III Presentation (MUL)#@**<br>*Validation of Cantonese version of SCID-5-RV for anxiety disorders module (C-SCID-5-RV-ADM) in Cantonese-speaking Hong Kong Chinese from a regional Common Mental Disorder Clinic* | Dr. Andrew POON<br>Supervisor: Dr. Melissa WONG |
| | | *Prevalence and Clinical Implications of Fever Without Identifiable Infective Cause Among Antipsychotic-Naïve First Episode Psychosis Patients: A Retrospective Case-Control Study* | Dr. Charis LAM<br>Supervisor: Dr. Steven CHAU |
| | 16:30-17:30 | **Research Seminar (MUL)***<br>*Computational insights for hippocampal subfields volumetry and its applications in transcranial ultrasound stimulation*<br><br>Registration:<br>https://forms.cloud.microsoft/r/7wbH8SWuiw | Mr. Kaipeng WANG<br>Supervisor: Dr. Hanna LU |
| Sep10 | 14:30-16:00 | **Psychotherapy Case Conference** (MUL)#<br>*Making case formulation - a transgeneration case* | Dr. Irene KAM |
| | 16:00-17:00 | **Psychotherapy Supervision** (MUL)# | |
| Sep17 | 14:30-16:30 | **Quality Assurance Meeting** (TPH)# | |
| Sep24 | 14:30-16:00 | **Academic Lecture ***<br>*The Gut–Brain Axis in Parkinson's Disease: From the Microbiome to New Therapies*<br><br>Registration:<br>https://forms.cloud.microsoft/r/uVHQ2MUQqv | **Professor Filip Scheperjans, MD**<br>Associate Professor<br>Department of Neurology<br>University of Helsinki<br>Finland |

| Venue: | *Live video | #Closed meeting | @Non-CME Event | MUL | TPH | SH | 1AL |
|---|---|---|---|---|---|---|---|
| | | | | Seminar Room, Multi-centre, Tai Po Hospital, Tai Po, N.T. | Conference Room 1 G/F, Wing D Tai Po Hospital Tai Po, N.T. | Dining Room Ward 7AB Dept. of Psychiatry 7/F, Shatin Hospital Shatin, N.T. | Rm. 1005, Dining Room Ward 1AL, 1/F Tai Po Hospital Tai Po, N.T. |

香港中文大學
The Chinese University of Hong Kong

香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong

# Research Seminar

**Date: 3 Sep 2026 (THU)**

**Time: 16:30 - 17:30**

**Venue: Zoom**

Register Now



**Mr. Kaipeng WANG**
Supervisor: Dr. Hanna LU

**Topic: Computational insights for hippocampal subfields volumetry and its applications in transcranial ultrasound stimulation**

**Abstract:**

Research on age-related hippocampal subfield volume changes varies in methodology and outcomes. Low-intensity transcranial ultrasound stimulation (TUS) is an advanced non-invasive neuromodulation technique characterized by high spatial resolution and penetration depth, enabling its effective stimulation on hippocampus subfields. This study aimed to construct a computational model for hippocampus subfields volumetry and explore its clinical application on low-intensity TUS. Hippocampus subfields were segmented and quantified and the low-intensity TUS simulation model was built targeting bilateral hippocampus through lateral pathway.

The analysis of covariance was conducted to investigate the main effect of age and gender, as well as their interaction effect on hippocampus subfields volume. Gender differences were found in young adults group, and disappear in middled-aged group, then partially emerged in older group. To explain the result intergratedly, the inflection points of each subfields in different gender were calculated. In the future, the results of two datasets will be compared to explore the racial disparities in hippocampal volumetry between Eastern and Hong Kong populations. We will compare simulation outcomes of left and right hemisphere, examine their correlation with age, gender and subfields volume.

Registration is required. For enquiries, please contact pci-event-app@cuhk.edu.hk or 26076025.
Please display the registration name for joining the Zoom lecture.

香港中文大學
The Chinese University of Hong Kong

香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong

# ACADEMIC LECTURE






## Professor Filip SCHEPERJANS, MD

**Associate Professor**
**Department of Neurology**
**University of Helsinki**
**Finland**


24 SEP 2026 (THU)

14:30 - 16:00

Zoom

## Topic: The Gut–Brain Axis in Parkinson's Disease: From the Microbiome to New Therapies


**Abstract:**

Parkinson's disease is traditionally considered a disorder of the brain, yet gastrointestinal dysfunction is common and may precede the onset of motor symptoms by many years. Increasing evidence suggests that the gastrointestinal tract and its microbial ecosystem are involved in a complex bidirectional dialogue with the nervous system and may contribute to the heterogeneity of Parkinson's disease.

In this lecture, I will review current evidence linking the gut microbiome with Parkinson's disease, ranging from clinical observations and longitudinal microbiome studies to multi-omics and mechanistic research. Particular attention will be given to potential pathways connecting the gut and brain, including microbial metabolites, intestinal barrier dysfunction, immune activation, and α-synuclein pathology. I will also discuss the emerging concept of "body-first" and "brain-first" Parkinson's disease and how disease subtypes may help explain differences between patients and responses to gut-directed interventions.

Finally, I will examine whether the gut–brain axis can be translated into clinically useful biomarkers and treatments. Recent intervention studies, including randomized trials of fecal microbiota transplantation, illustrate both the therapeutic potential and the current limitations of microbiome-based approaches. Understanding which patients have biologically relevant gut–brain-axis dysfunction may ultimately enable more precise strategies for prevention and treatment of Parkinson's disease.


**Biography:**

Filip Scheperjans, MD, is an Adjunct Professor of Neurology at the University of Helsinki, a neurologist at Helsinki University Hospital (HUS) and Aava Medical Centre, and a Sigrid Jusélius Foundation Senior Clinical Researcher. His research focuses on the microbiome–gut–brain axis in Parkinson's disease, combining clinical neurology with microbiome profiling, multi-omics, biomarker development and interventional studies. He led one of the first studies demonstrating alterations of the gut microbiome in Parkinson's disease and has subsequently investigated their associations with disease phenotype, progression, inflammation, microbial metabolism and prodromal disease. He was the principal investigator of a randomized clinical trial of fecal microbiota transplantation in Parkinson's disease and is actively involved in developing microbiome-based diagnostic and therapeutic approaches.

Registration is required. For enquiries, please contact pci-event-app@cuhk.edu.hk or 26076025.
Please display the registration name for joining the Zoom lecture.

REGISTER NOW