



Department of Psychology
The University of Hong Kong
香港大學心理學系

Aug
26
2026

Departmental Seminar

Neuromodulation for Drug Addiction



Prof. Ti-Fei Yuan
Professor
Shanghai Jiaotong University

2:30p.m. – 3:30p.m.

Chamber, 11/F

The Jockey Club Tower

Centennial Campus

The University of Hong Kong

Abstract

Treatment of drug addiction remains challenging. Craving and impulsivity represent major obstacles in clinical treatments for addiction. Tifei Yuan's group combined clinical and preclinical approaches to understand the neural mechanisms and develop neuromodulation-based treatments against drug addiction. They employed brain stimulation based mapping approach to investigate changes in neural circuit strength and plasticity in diseased brain, then perform targeted brain stimulation as therapy to reverse these abnormalities.

About the Speaker

Ti-Fei Yuan is Professor and Executive Dean at School of Psychology, Shanghai Jiaotong University; and Executive Dean at Brain health Institute, Shanghai Mental Health Center (National Center for Mental Disorders), Shanghai Jiaotong University School of Medicine.

Zoom Meeting (For participants who couldn't attend the Seminar in person)

<https://hku.zoom.us/j/93271212513?pwd=FqZwWgeQTfMOOHamNIHbLVGQC44aUf.1>

Meeting ID: 932 7121 2513

Password: 965526

~ All are Welcome ~

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