



Brain Spatiomics Center
腦空間體研究中心

MINI SYMPOSIUM

**Multiscale Brain Mechanisms
and Precision Therapies: From
Exosomes to Connectomes**

**外泌體至連結體：大腦多尺度
機制與精準治療**

Hollis T. Cline, Ph.D.

Professor Emerita, Department of Neuroscience
The Scripps Research Institute, CA



August 25, 2026 (Tuesday)

13:00-17:30 / Moderator: Prof. Fu-Jen Kao

PROGRAM

13:00 ~ 13:05	Opening Remarks	President A.S. Chiang, CMU
13:05 ~ 13:15	Mini Symposium Group Photo	All Speakers & Dignitaries
13:15 ~ 14:00	Exosome-Mediated Intercellular Signaling in Developmental and Age-Related Disease Model	Prof. Hollis T. Cline Professor Emerita, Scripps Research Institute, CA
14:00 ~ 14:20	Activation of Akt-PGC-1 α -TFAM Axis via CXCR4-Targeted HGF-Miro1-Modified MSC-Derived Mito-EVs for BBB Restoration in Ischemic Stroke	Prof. Woei-Cherng Shyu Honorary Vice Superintendent, TMRC, CMUH
14:20 ~ 15:20	Mapping Life Across Scales: Whole-Brain Connectomics and Whole-Body Spatiomics	Prof. F. J. Kao, Prof. C. T. Shih, Dr. W. K. Chang Brain Spatiomics Center
15:20 ~ 15:50	Coffee Break & Networking	All Attendees
15:50 ~ 16:10	Exosome-Based Precision Therapeutics for Neurodegenerative Diseases: Innovative Translational Approaches	Dr. Mei-Chih Chen Director of R&D, Shine Out Bio Technology
16:10 ~ 16:30	From Synaptic Mutation to Precision Therapy: GRIA1-A636T-Driven Hippocampal Excitotoxicity	Dr. Shu-Ling Chiu Institute of Cellular and Organismic Biology, Academia Sinica
16:30 ~ 16:50	Tailoring AD Mechanisms: APOE4-Driven Steroidogenesis vs. Non-APOE4 Lipid Remodeling	Prof. J-L Juang Institute of Biochemistry and Molecular Biology, CMU
16:50 ~ 17:30	Discussion & Closing Remarks	President A.S. Chiang, CMU

VENUE

Stanford Hall, 2F | Excellence Building | Shuinan Campus, CMU

主辦：



中國醫藥大學附設醫院
China Medical University Hospital

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歡迎報名

