"Biased assembly" in Neuroscience and Cell Biology

Date: September 23-24, 2024

Venue: B1C auditorium

Day 1 September 23 (Monday)		
Time	Presenter	Talk Title
13:20-13:30	Opening remarks	
13:30-14:00	Michisuke Yuzaki (Keio University)	The More the Merrier: Richness of the Transsynaptic Molecular Complex
14:00-14:30	Chih-Chiang Chan (NTU)	A platform for functional profiling of sphingolipid enzyme network in Drosophila
14:30-15:00	Kazuo Emoto (University of Tokyo)	Molecular mechanisms of synapse/neurite remodeling
15:00-15:10	Break	
15:10-15:40	Ya-Wen Liu (NTU)	Cardiolipin Conversion in Mitochondrial Dynamics
15:40-16:10	Kazuhiro Abe (Hokkaido University)	Structural physiology of P-type ATPases that generate asymmetric distributions of cations and phospholipids
16:10-16:40	Yi-Ping Hsueh (AS, IMB)	Alteration and Improvement of Neural Connectivity in Autism Mouse Models
16:40-17:10	Tomohisa Hosokawa (Kyoto University)	Liquid-liquid phase separation and synaptic nanodomains as the molecular mechanisms for synaptic plasticity
17:10-17:40	Discussion & Interaction	
17:40	Depart for Dinner	

Day 2 September 24 (Tuesday)		
Time	Presenter	Talk Title
9:50-10:00	Opening remarks	

10:00-10:30	Pei-Lin Cheng (AS, IMB)	Decoding the Self-Antigen Repertoire of CNS Neuroglia in Autoimmunity
10:30-11:00	Hiroko Yukinaga (Hyogo Prefecture University)	In Vivo Dynamics of ERK Signaling in Awake Mouse Cortex
11:00-11:30	Suewei Lin (AS, IMB)	Osmosensation in a pair of thirst-broadcasting neurons in Drosophila
11:30-12:00	Tomonori Tamura (Kyoto University)	Photoproximity labeling of endogenous receptors in the live mouse brain
12:00-13:30	Lunch Break	
13:30-14:00	Chi-Kuang Yao (AS, IBC)	Linking ER remodeling to Neural Network Homeostasis
14:00-14:30	Yuri Miyazaki (Nagoya University)	Juxtaparanodal Kv1 channel cluster organization by oligodendrocyte-derived LGI3 and its axonal receptor ADAM23
14:30-15:00	Hsin-Yung Yen (AS, IBC)	Mass spectrometry unveil the structural modulation of phosphoinositides toward GPCR signaling
15:00-15:40	Coffee Break	
15:40-16:10	Tarn, Woan-Yuh (AS, IBMS)	Targeting 3’ UTR-dependent membrane protein trafficking and its anti-cancer potential
16:10-16:40	Chih-Cheng Chen (AS, IBMS)	Roles of acid-sensing ion channels in tether-mode mechanotransduction
16:40-17:10	Jun Suzuki (Kyoto University)	Coupling systems for ion and lipid dynamics on the plasma membrane.
17:10-17:20	Closing remarks	