

## IAS Focused Program on Membrane Trafficking: Molecular Mechanisms and Physiological Relevance

**July 6-7, 2023**

**Venue:** Kaisa Group Lecture Theater (IAS LT), Lo Ka Chung Building, Lee Shau Kee Campus, The Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, Hong Kong, China

**Format of Talk: 25-minute presentation plus 5-minute Q&A session / 50-minute presentation plus 10-minute Q&A session**

Morning		July 6, 2023 (Thursday)			July 7, 2023 (Friday)	
		Title	Speaker		Title	Speaker
	08:30 - 09:00	Registration			Session III - Membrane Trafficking in Plants and Animals Chair: Yusong GUO (HKUST)	
	09:00 - 09:10	Opening Remarks Yung Hou WONG (Dean of Science, HKUST)		09:00 - 09:30	D2-#1: Lipid Metabolism Policed by the COPII Machinery	Xiao-Wei CHEN (Peking University)
		Session I - Conventional and Unconventional Protein Secretion I Chair: Yusong GUO (HKUST)		09:30 - 10:00	D2-#2: Regulation of Cell Size and Membrane Turnover by a Novel Phosphoinositide Kinase	Raghu PADINJAT (National Center for Biological Sciences, India)
	09:10 - 09:40	D1-#1:Chaperone-assisted Assembly of Membrane Trafficking Complexes	Jingshi SHEN (University of Colorado Boulder)	10:00 - 10:30	D2-#3: Molecular Interplay of Autophagy and Endocytosis in Plant Cells	Xiaohong ZHUANG (The Chinese University of Hong Kong)
	09:40 - 10:10	D1-#2: Expanding the Role of THU	Liang GE (Tsinghua University)	10:30 - 11:00	Coffee Break (Venue: Lobby, G/F)	
	10:10 - 10:40	D1-#3: Optogenetic Mechanostimulation of ER in Live Cells Reveals ER Mechanosensitivity	Liting DUAN (The Chinese University of Hong Kong)	11:00 - 12:00	D2-#4 [Keynote Lecture III]: Organelle Biogenesis and Function in Plants	Liwen JIANG (The Chinese University of Hong Kong)
	10:40 - 11:00	Coffee Break (Venue: Lobby, G/F)		12:00 - 14:00	Lunch (By Invitation Only; Venue: UniQue, Conference Lodge)	
	11:00 - 12:00	D1-#4 [Keynote Lecture I]: Collagen Export from Specific Endoplasmic Reticulum Exit Sites	Vivek MALHOTRA (Centre for Genomic Regulation, Spain)			
12:00 - 14:00	Lunch (By Invitation Only; Venue: UniQue, Conference Lodge)					
Afternoon		Session II - Conventional and Unconventional Protein Secretion II Chair: Vivek MALHOTRA (Centre for Genomic Regulation, Spain)			Session IV - New Approaches to Investigate Membrane Trafficking Chair: Xiao-Wei CHEN (Peking University)	
		Title	Speaker		Title	Speaker
	14:00 - 14:30	D1-#5: Trafficking of Planar Cell Polarity Proteins: Molecular Mechanisms and Physiological Relevance	Yusong GUO (HKUST)	14:00 - 14:30	D2-#5: Solving Golgi's Mysteries with New Imaging Tools	Lei LU (Nanyang Technological University, Singapore)
	14:30 - 15:00	D1-#6: A Host-pathogen Interaction Regulates Conventional Release of Inflammatory Factors Caused by Coronavirus Infection	Min ZHANG (Tsinghua University)	14:30 - 15:00	D2-#6: Real-time Single Vesicle Tracking for Studying Vesicle Dynamics	Hyokeun PARK (HKUST)
	15:00 - 15:30	D1-#7: Short Presentations by Students	Peiyuan HUANG (The Chinese University of Hong Kong) Xiaoying LIU (The Chinese University of Hong Kong) Yijin WANG (The Chinese University of Hong Kong) Xiao TANG (HKUST) Mo WANG (HKUST) Ziqing PENG (HKUST) Tian Tian LI (HKUST)	15:00 - 15:30	D2-#7: Short Presentations by Students	Yonglun WANG (Peking University) Xinxuan XU (Peking University) Xiao WANG (Peking University) Lu XU (Institute of Biophysics, Chinese Academy of Sciences) Han Chi MIAO (Institute of Biophysics, Chinese Academy of Sciences) Kai Ching LAW (The Chinese University of Hong Kong)
	15:30 - 16:30	Coffee Break & Poster Session (Venue: Lobby, G/F)		15:30 - 16:30	Coffee Break & Poster Session (Venue: Lobby, G/F)	
	16:30 - 17:30	D1-#8 [Keynote Lecture II]: Rethinking the Secretory Pathway	Benjamin GLICK (The University of Chicago)	16:30 - 17:30	D2-#8 [Keynote Lecture IV]: Membrane Trafficking at the Endoplasmic Reticulum	Junjie HU (Institute of Biophysics, Chinese Academy of Sciences)
	18:00 - 21:00	Banquet (By Invitation Only; Venue: Sai Kung) *Coach departs from Lo Ka Chung Building at 18:00 and returns at 20:30		17:30 - 17:40	Closing Remarks Andrew COHEN (IAS Director and Lam Woo Foundation Professor)	
				18:30 - 21:30	Dinner Buffet Cruise (By Invitation Only) *Coach departs from Lo Ka Chung Building at 18:30 and returns at 21:30	

Version as of Jun 30, 2023