

KIIDD Symposium 2026 :

Membrane Protein Structure, Dynamics and Signaling & Drug Discovery Innovation

Monday, October 12, 2026 (Day 1)

Time	Speaker	Title/Affiliation	Remarks
MORNING SESSION			
08:00 – 08:30			Registration & Check-in
08:30 – 08:35	President Xu <i>The Chinese University of Hong Kong, Shenzhen</i>		Welcome Address
08:35 – 08:40	Brian Kobilka	<i>Nobel Laureate in Chemistry 2012</i>	Symposium Opening Address
08:40 – 09:20	Alice Ting	Enzyme-based Technologies for Mapping and Manipulating Signaling Networks in Living Cells <i>Stanford University</i>	Host: Goran Stjepanovic
09:20 – 10:00	Eric Xu	First Principles-Based Drug Design: A Pulsatile FXR Activator as a First-in-Class Treatment for Bile Acid-Related Liver Diseases and Obesity <i>Shanghai Institute of Materia Medica, Chinese Academy of Sciences</i>	
10:00 – 10:40	Qiang Su	Unveiling the Hidden World of Immunoreceptors Through the Structures of Their Transmembrane Domains <i>Shenzhen Medical Academy of Research and Translation</i>	
10:40 – 10:50 Tea Break			
10:50 – 11:30	Yung Hou Wong	Functional Dissection of Receptor-G Protein Promiscuity via Acute Gα Subunit Expression Perturbation <i>Hong Kong University of Science and Technology</i>	Host: Xue Guo
11:30 – 12:10	Peng Chen	Targeted Protein Degradation in the Transmembrane and Extracellular Space	

Time	Speaker	Title/Affiliation	Remarks
		Shenzhen Bay Laboratory / Peking University	
12:10 – 12:40	Richard Ye	GPCR Regulation of Innate Immunity and Inflammation The Chinese University of Hong Kong, Shenzhen, The Kobilka Institute of Innovative Drug Discovery	
12:40 – 13:25 Lunch & Poster session			
AFTERNOON SESSION			
13:25 – 13:30			Session Opening
13:30 – 14:10	Hideaki Kato	Structure, Function, and Physiology of Vasopressin-to-Oxytocin Crosstalk The University of Tokyo	Host: Hongli Hu
14:10 – 14:50	Jiang Xia	Phase-Separated Molecular Coacervates for Cytosolic Delivery and Immunotherapies The Chinese University of Hong Kong	
14:50 – 15:30	Zhou-Feng Chen	The Role of GPCRs in Somatosensation Shenzhen Medical Academy of Research and Translation	
15:30 – 15:40 Tea Break			
15:40 – 16:20	Chang-Yu Hsieh	Generative AI for Intelligent Drug Design Zhejiang University	Host: Guodong He
16:20 – 17:00	Shujia Zhu	Atomic Insights into Native NMDA Receptor Diversity in the Brain Southern University of Science and Technology	
17:00 – 17:30	Yang Du	Drug Discovery on Human alpha2A Adrenergic Receptor The Chinese University of Hong Kong, Shenzhen, The Kobilka Institute of Innovative Drug Discovery	
17:30 – 18:30 Poster session			

Tuesday, October 13, 2026 (Day 2)

Time	Speaker	Title/Affiliation	Remarks
MORNING SESSION			
08:25 – 08:30			Session Opening
08:30 – 09:10	Gregory Scherrer	Functional Organization of GPCR Signaling in Pain and Addiction Neural Circuits <i>The University of North Carolina at Chapel Hill</i>	Host: Bing Cao
09:10 – 09:50	Xiaoqing Pan	From Structure to Therapy: Targeting the Substrate-Binding Pocket of GLUT9 for Anti-hyperuricemia Drug Discovery <i>Shenzhen Medical Academy of Research and Translation</i>	
09:50 – 10:30	Zhen Yan	Unlocking the Gateway to Chloroplast Protein Import <i>Westlake University</i>	
10:30 – 10:40 Tea Break			
10:40 – 11:20	Ruobing Ren	Targeting S1P Signaling for Endothelial Protection <i>Fudan University</i>	Host: Xue Guo
11:20 – 12:00	Jian Huang	Structural Pharmacology of Voltage-Gated Ion Channels <i>Shenzhen Medical Academy of Research and Translation</i>	
12:00 – 12:30	Goran Stjepanovic	Structural Basis for Regulation of Endosomal Actin Polymerization by the WASH Complex <i>The Chinese University of Hong Kong, Shenzhen, The Kobilka Institute of Innovative Drug Discovery</i>	
12:30 – 13:25 Lunch & Poster session			
AFTERNOON SESSION			
13:25 – 13:30			Session Opening
13:30 – 14:10	Hee-Jung Choi	Structure-Guided Design of Peptide Ligands with NPY Receptor Subtype Selectivity <i>Seoul National University</i>	Host: Yang Du
14:10 – 14:50	Long Gui	Visualizing the in-situ Architecture of Macromolecules from Patients' Tissues <i>Shenzhen Medical Academy of Research and Translation</i>	

Time	Speaker	Title/Affiliation	Remarks
14:50 – 15:30	Ye Xiang	Engineering Viral Glycoproteins for Vaccine Development <i>Tsinghua University</i>	
15:30 – 15:40 Tea Break			
15:40 – 16:20	Lizhe Zhu	Precise Design of Interaction Kinetics & Physics Intelligence for AI-Drug-Discovery <i>The Chinese University of Hong Kong, Shenzhen, Warshel Institute for Computational Biology</i>	Host: Bing Cao
16:20 – 17:00	Jian Yang	TCM-Based Ion Channel Drug Discovery <i>Shenzhen Medical Academy of Research and Translation</i>	
17:00 – 17:30	Guodong He	A TM7 Conformational Switch Governs GPCR Transducer Selectivity <i>The Chinese University of Hong Kong, Shenzhen, The Kobilka Institute of Innovative Drug Discovery</i>	
17:30 – 18:30 Poster session			

Wednesday, October 14, 2026 (Day 3)

Time	Speaker	Title/Affiliation	Remarks
MORNING SESSION			
08:25 – 08:30			Session Opening
08:30 – 09:10	Asuka Inoue	GPCR Signaling Regulation by Membrane Nanodomains <i>Kyoto University</i>	Host: Hongli Hu
09:10 – 09:50	Jun Xu	Allosteric Regulation of GPCR Signaling by Ligand-Stabilized Homodimerization <i>Southern University of Science and Technology</i>	
09:50 – 10:30	Peilong Lu	De novo Design of Functional Transmembrane Proteins for Signal Sensing and Response <i>Westlake University</i>	
10:30 – 10:40 Tea Break			
10:40 – 11:20	Peter Gmeiner	Structure-Based Development of Functionally Selective GPCR Agonists <i>Friedrich-Alexander University</i>	Host: Richard Ye

Time	Speaker	Title/Affiliation	Remarks
11:20 – 12:00	Xiangyu Liu	Towards Understanding of GPCR Biased Signaling <i>Tsinghua University</i>	
12:00 – 12:40	Brian Kobilka	The Role of Protein Dynamics in GPCR Signaling <i>Stanford University</i>	

** Please note that the schedule may be subject to change. Kindly refer to the final program available on-site.*