



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	Dean of MED		Welcome Address
08:35 – 08:40	Brian Kobilka	Nobel Laureate in Chemistry 2012	Symposium Opening Address
08:40 – 09:20	Alice Ting	Enzyme-based technologies for mapping and manipulating signaling networks in living cells Stanford University	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 Shanghai Institute of Materia Medica, Chinese Academy of Sciences	
10:00 – 10:40	Qiang Su	Unveiling the Hidden World of Immunoreceptors Through the Structures of Their Transmembrane Domains Shenzhen Medical Academy of Research and Translation	
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 Hong Kong University of Science and Technology	Host: Guodong He
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: Xue Guo
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	Xiaojing 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	TBD	TBD	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>	
14:50 – 15:30	Ye Xiang	Engineering viral glycoproteins for vaccine development <i>Tsinghua University</i>	



Time	Speaker	Title/Affiliation	Remarks
15:30 – 15:40 Tea Break			
15:40 – 16:20	Hee-Jung Choi	Structure-guided design of peptide ligands with NPY receptor subtype selectivity <i>Seoul National University</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
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.