



2017

International Symposium on Frontiers in structural biology for Drug Development

Date: Nov. 22(Wednes), 10:00-17:00, 2017

Place : International Conference Room(1F), POSCO International Center

Time	Speaker	Title
10:00-10:40	Opening Ceremony	
Session I		Chairman : Yunje Cho (POSTECH)
10:40-11:20	So Iwata (Kyoto University)	Membrane protein structures and Free Electron Laser
11:20-11:50	Ho Min Kim (KAIST)	Go hybrid : single particle EM and X-ray crystallography for macromolecular protein complex
11:50-12:20	Martin Walsh (Diamond Light Source)	Integrating Structural and Cellular biology at Diamond Light Source... Challenges, Benefits and Opportunities
12:20-14:00	Lunch	
Session II		Chairman : Jie-Oh Lee (KAIST)
14:00-14:30	Wei Liu (Arizona State University, CASD)	Structure-based drug design Platform for GPCRs in LCP
14:30-15:00	Gwyndaf Evans (Diamond Light Source)	The VMXm micro/nano crystallography beamline at Diamond
15:00-15:30	Hyun-Soo Cho (Yonsei University)	Crystal Structure of a Unique Light-driven Chloride Pump Rhodopsin
15:30-15:45	Subin Kim (GIST)	Structural insights into the elevator-like mechanism of the sodium/ citrate symporter CitS
15:45-16:00	Photo and Coffee break	
Session III		Chairman : Hyun-Soo Cho (Yonsei University)
16:00-16:20	Dohyun Im (Kyoto University)	A first novel GPCR structure determined at SACLA
16:20-16:50	Allen Orville (Diamond Light Source)	Time-Resolved Structural Biology at XFELs and Synchrotrons
16:50-17:00	Closing remarks : Yunje Cho (POSTECH)	
17:00-	Dinner	

※ Speakers : 25 min. presentation and 5 min. Q&A