PDB 50th Anniversary Symposium in Asia
50 years of the Protein Data Bank and the Frontier of Structural Biology in Asia

Wednesday, 24 November, 2021 10:00-17:05 (JST)

Memorial symposium

13:30-14:15 JST

Session 1

50 years of the PDB history in Asia
Genji Kurisu  Institute for Protein Research, Osaka University, PDBj, Japan

CryoEM structure of small heat shock protein
Kyeong Kyu Kim  Sungkyunkwan University School of Medicine, Republic of Korea

14:15-15:00 JST

Session 2

Structure of the sodium-dependent phosphate transporter reveals insights into human solute carrier SLC20
Yuh-Ju Sun  Institute of Bioinformatics and Structural Biology, National Tsing Hua University, Taiwan

Molecular movies and beyond
So Iwata  Graduate School of Medicine, Kyoto University, Japan

15:00-15:45 JST

Session 3

Membrane protein function by NMR
Ichio Shimada  RIKEN Center for Biosystems Dynamics Research, Japan

Structural biology by an advanced electron cryomicroscope with atomic resolution and high-speed imaging
Keiichi Namba  Graduate School of Frontier Biosciences, Osaka University, RIKEN SPring-8 & BDR, Japan

16:15-17:00 JST

Session 4

Structural and mechanistic dissection of the Wnt signaling pathway
Wenqing Xu  National Facility for Protein Science in Shanghai (NFPS), ShanghaiTech University, People’s Republic of China

A new era in structural biology: the impact of structure prediction using AI methods
Sameer Velankar  Protein Data Bank in Europe, European Molecular Biology Laboratory - European Bioinformatics Institute, United Kingdom

Poster session

10:00-10:10 JST
Opening and introduction

10:10-10:50 JST
Presentation by odd-number IDs

10:50-11:00 JST
Break

11:00-11:40 JST
Presentation by even-number IDs

Further info
https://pdbj.org/news/pdb50asiasympo