



Sponsored by Protein Research Foundation

# PDB 50th Anniversary Symposium in Asia

50 years of the Protein Data Bank and the Frontier of Structural Biology in Asia

Online Symposium

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

## Poster session

jointly organized as an International IPR Seminar,  
Institute for Protein Research, Osaka University



- 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**



### PDBj Poster Prize

Excellent posters prepared by students and post-docs will be awarded.

## Memorial symposium

jointly organized as the satellite event of  
The Satellite Event of the 59th Annual Meeting of the Biophysics Society of Japan



13:30-14:15 JST

### Session 1

Chaired by  
Prof. Haruki Nakamura  
Osaka University



### 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

14:25-15:10 JST

### Session 2

Chaired by  
Prof. Atsushi Nakagawa  
Osaka University



### 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

15:20-16:05 JST

### Session 3

Chaired by  
Prof. Toshimichi Fujiwara  
Osaka University



### 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

Chaired by  
Prof. Kenji Mizuguchi  
Osaka University



### 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



Further info

<https://pdbj.org/news/pdb50asiasympo>



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