



## Establishment of Structural Biology Network in Asia and Oceania

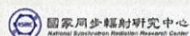
### National Synchrotron Radiation Research Center Rm. L100, December 6 – 7, 2017

#### December 6 (Wed)

- Opening Remarks & NSRRC status report  
Opening Remarks & Introduction of IPR  
Synchrotron Radiation Beamlines
- The Commissioning Results of  
the Protein Microcrystallography Beamline at the NSRRC  
IPR Beamline for Biological Macromolecular Assemblies at SPring-8  
Crystallography at the Australian Synchrotron: From minerals to viruses
- Life Cycle of Proteins
- Structure of ZZ-domain of p62  
Structural Insight into the Molecular Mechanisms of Bacterial Effectors
- Structural Insights into the Recognition Mechanism between Linear Tri-ubiquitin and ABIN2
- Native and Complex Structures of Glutaminyl-tRNA synthetase (TtGlnRS)  
from *Thermus thermophilus* HB8  
Investigating a Novel tRNA Thiolational Modification Mechanism Involving an [4Fe-4S] Cluster
- The Evolution of Actin Filament Systems
- Integrative Structural Biology Approach to Understand the Structural  
and Dynamic Basis of Asn-Glycosylation
- Shangjr Gwo (Director, NSRRC)  
Atsushi Nakagawa (IPR)
- Chien-Chang Tseng (NSRRC, Taiwan)  
Eiki Yamashita (IPR, Japan)
- Tom Caradoc-Davies (Australian Synchrotron, Australia)
- Hyun Kyu Song (Korean Univ., Korea)  
Tsunehiro Mizushima (Univ. Hyogo, Japan)
- Yu-Chih Lo (NCKU, Taiwan)
- Jeyaraman Jeyakanthan (Alagappa Univ., India)  
Yoshikazu Tanaka (Tohoku Univ., Japan)
- Robert Robinson (Inst. Mol. Cell Biol., A\*STAR, Singapore)  
Daisuke Kohda (Kyushu Univ., Japan)

#### December 7 (Thu)

- Membrane Proteins
- A Primary Ion pump: Proton/Sodium Pumping Pyrophosphatases  
An Antigenic Outer-membrane Protein from *Salmonella typhoid*  
and the Efflux Mechanism
- Structural Analyses of Light Harvesting Complexes from Green Plants  
Substrate Recognition Mechanism of Voltage-sensing Phosphatase
- Structure and Function of Proteins Involved in Targeting of Tail-anchored  
Membrane Proteins to the Membrane of ER or Chloroplast
- Drug Targets & PDB
- Tle3 from Adherent-Invasive *Escherichia coli* Possesses Phospholipase A1 Activity Which is  
Inhibited by Its Cognate Immunity Protein Tli3
- Structural Insights into the Opening of Type II Topoisomerase-Mediated DNA-Gate
- Simultaneous Recognition of Peptide and O-glycan by Immune Receptor PILRa
- Structural Studies of Malarial Drug Targets in *de novo* Folate Synthesis Pathway
- NMR, X-ray, and Single-molecule FRET Studies on the (TGGAA)<sub>n</sub> DNA Repeat  
Leading to Spinocerebellar Ataxia 31 Neurological Disease
- The Protein Data Bank Japan (PDBj): A Partner of the wwPDB  
Accepting Structure Depositions through OneDep System
- Concluding Remarks
- Yuh-Ju Sun (NTHU, Taiwan)
- Chun-Jung Chen (NSRRC, Taiwan)  
Mei Li (IBP, CAS, P. R. China)  
Atsushi Nakagawa (IPR, Japan)
- Chwan-Deng Hsiao (Academia Sinica, Taiwan)
- Thi Thu Hang Le (Univ. Sci. Tech. of Hanoi, Vietnam)  
Nei-Li Chan (NTU, Taiwan)
- Toyoyuki Ose (Hokkaido Univ., Japan)  
Penchit Chitnumsub (BIOTEC & NSTDA, Thailand)
- Shan-Ho Chou (NCHU, Taiwan)
- Genji Kurisu (IPR, Japan)  
Chun-Jung Chen (NSRRC, Taiwan)



<http://www.nsrcc.org.tw>  
<http://www.protein.osaka-u.ac.jp>

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