

International Symposium on Structure and Folding of Disease Related Proteins

Jan. 31, 2020

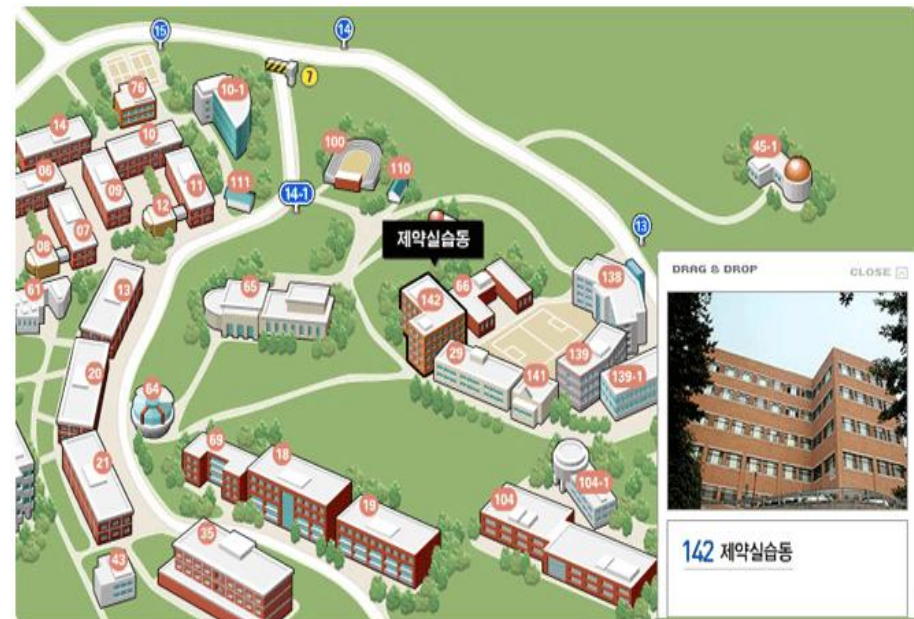
Seoul National University
Pharmaceutical Plant for Education and Research

Seoul National University is very pleased to have International Symposium on Structure and Folding of Disease Related Proteins. The main goal of the symposium is to provide researchers with the opportunity to learn about the latest development of protein science in each counterpart and promote close communication among them.

▪ Chairman of Organization
Prof. Bong-Jin Lee
(Seoul National Univ.)

▪ Co-organizer
Prof. Jeong-Yong Suh
(Seoul National Univ.)

Prof. Toshimichi Fujiwara
(IPR, Osaka Univ.)



Scientific Program

09:00~09:10 Opening Remark (Prof. Bong-Jin Lee)

Session I

Chair : Prof. Toshimichi Fujiwara (IPR, Osaka Univ.)

09:10~9:35 : Prof. Jung-Ho Lee (Seoul National Univ.)
“Seperation of Diffusion and Detection Nuclei for High-resolution NMR Diffusion Measurement under Physiological Conditions”

9:35~10:00 : Prof. Toshihiko Sugiki (IPR, Osaka Univ.)
“Molecular basis for functional mechanisms of lipid transfer protein revealed by solution NMR spectroscopy”

10:00~10:25 : Prof. Lishan Yao (Qingdao Institute, Chinese Academy of Science)
“Characterizatio of Residue Specific Protein Conformational Dynamics in *E. coli* Cells”

10:25~10:50: Prof. Jordan Chill (Dept of Chemistry, Bar Ilan Univ., Israel)
“A structure-function view of membrane-targeting by a *Bordetella* toxin)”

10:50~11:15 : Prof. Jeong-Yong Suh (Seoul National Univ.)
“Anti-CRISPR AcrIIA5 employs intrinsic disorder for Cas9 inhibition”

11:15~13:00 : Lunch

Session II

Chair : Prof. Jeong-Yong Suh (Seoul National Univ.)

13:00~13:25 : Prof. Taro Chaya (IPR, Osaka University)
“Ubiquitin-dependent regulation of protein transport during light and dark adaptation in retinal photoreceptor cells”

13:25~13:50 : Prof. Min-Duk Seo (Ajou Univ.)
“Structural Investigation of the interaction between IP3 receptor and huntingtin protein”

13:50~14:15 : Dr. Keisuke Sakurai (IPR, Osaka University)
“Crystal Structure of Multidrug efflux pump MexB bound with LMNG”

14:15~14:40 : Prof. Hyung Ho Lee (Seoul National University)
“Structural basis of peptidoglycan reshaping by a noncanonical peptidase for helical cell shape”

14:40~15:10 : Coffee Break

Session III

Chair : Dr. Yong-Ho lee (KBSI)

15:10~15:35 : Prof. Soung-Hun Roh (Seoul Nattional Univ.)
“The interplay of molecular chaperones”

15:35~15:55 : Ms. Tomoko Yamaguchi (IPR, Osaka University)
“Structure of the bushing of the bacterial flagellar motor analyzed by cryo EM”

15:55~16:15 : Mr. Dong-Won Park (Seoul national Univ.)
“Crystal structure of proteolyzed VapBC and DNA-bound VapBC from *Salmonella enterica* Typhimurium LT2 and VapC as a putative Ca²⁺-dependent ribonuclease”

16:15~16:35 : Mr. Koki Sakurai (IPR, Osaka University)
“Investigations on the behavioral and molecular deficits seen in *Kpna4* knockout mice”

16:35~16:55 : Mr. Johannes Nicolaus Wibisana (IPR, Osaka University)
“NF-kB mediated transcriptional regulation in B-cell”

16:55~17:10 : Dr. ----- (JEOL)

17:10~17:20 Closing Remark (Prof. Bong-Jin Lee)

18:00 ~ Reception (Hoam Guest House, Seoul national Univ.)