

Symposium on Structure and Folding of Disease Related Proteins

Seoul National University is very pleased to have 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.)

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

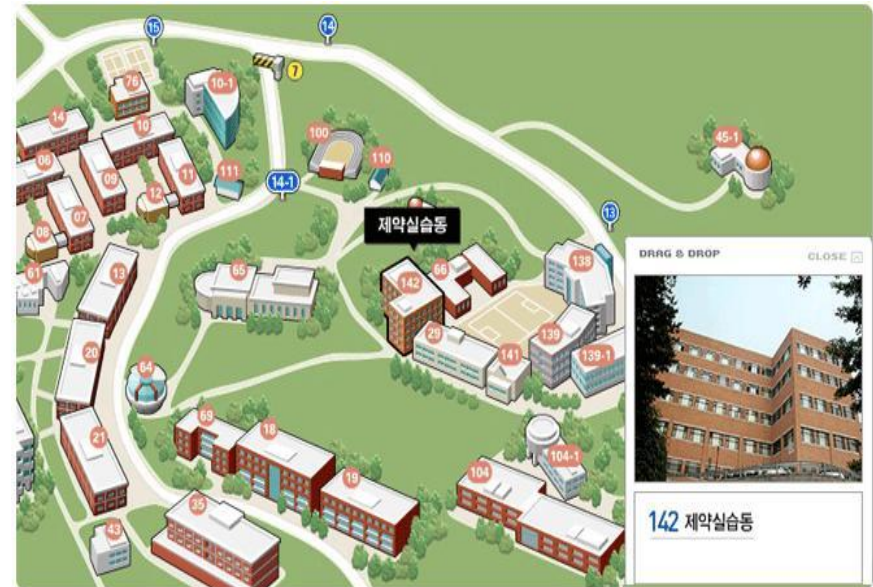
▪ Co-organizer

Prof. Toshimichi Fujiwara (Osaka Univ.)

Prof. Haruki Nakamura (Osaka Univ.)

Jan. 5, 2018

Seoul National University
Pharmaceutical Plant for Education and Research



Scientific Program

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

Session I

Chair : Prof. Min-Duk Seo (Ajou Univ.)

09:10~09:40 : Prof. Jeong-Yong Suh (Seoul National Univ.)
“Structural characterization of anti-CRISPR proteins”

09:40~10:10 : Prof. Youhei Miyanoiri (Osaka Univ.)
“Relaxation optimization using isotope labeling for studying larger proteins by NMR”

10:10~10:40 : Prof. Lishan Yao (Chinese Academy of Sciences)
“Developing NMR Methods to Study Protein Electrostatics”

10:40~11:10 : Prof. Akira Shinohara (Osaka Univ.)
“Meiosis-specific prophase pathway for cleavage-independent removal of cohesin from chromosomes for chromosome compaction ”

11:10~11:40 : Ph.D. Jeong Kyu Bang (KBSI)
“Peptidomimetics Targeting Polo-Box Domain of Polo-like kinase 1”

11:40~13:10 : Lunch

Session II

Chair : Prof. Toshimichi Fujiwara (Osaka Univ.)

13:10~13:40 : Prof. Takao Arimori (Osaka Univ.)
“Development of a novel antibody fragment format ‘Fv-clasp’”

13:40~14:10 : Prof. Seung Ryeoul Paik (Seoul National Univ.)
“Unit-assembly Mechanism of α -Synuclein for Amyloidogenesis: Biological and Technological Implications”

14:10~14:40 : Prof. Haruki Nakamura (Osaka Univ.)
“Integrative/Hybrid Methods in Structural Biology – Concept, Background, Tools, Data Archiving, Validation, and Future –”

14:40~15:10 : Prof. Chaok Seok (Seoul National Univ.)
“Prediction of protein complex structures by GALAXY”

15:10~15:40 : Coffee Break

Session III

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

15:40~16:10 : Prof. Hirofumi Suzuki (Osaka Univ.)
“Web based services for multiscale structures in EMDB, PDB and SASBDB”

16:10~16:40 : Prof. Genji Kurisu (Osaka Univ.)
“Structural Change in the Dynein Motor Domain Associated with two Different Affinities for the Microtubule”

16:40~17:00 : Mr. Sung-Min Kang (Seoul National Univ.)
“Functional details of the *Mycobacterium tuberculosis* VapBC26 toxin-antitoxin system based on a structural study: insights into unique binding and antibiotic peptides”

17:00~17:20 : Dr. Kenji Takagi (Osaka Univ.)
“Structural analysis of regulation of Keap1-Nrf2 stress response system”

17:20~17:50 : Prof. Byung Woo Han (Seoul National Univ.)
“Structural basis for the enhanced anti-diabetic efficacy of lobeglitazone on PPAR γ ”

17:50~18:00 Closing Remark (Prof. Bong-Jin Lee)

18:30 Reception