

-Korea-Japan International Symposium on Protein Science (Joint Conference)
-Korean Society for Protein Science (KSPS) 2024
-Institute for Protein Research (IPR) Seminar

2024 Joint Conference on Protein Science— Korean Society for Protein Science (KSPS) & Protein Science Society of Japan (PSSJ)

Speakers

- Jae-Sung Woo (Korea University, Korea)
- Kenji Inaba (Kyushu University, Japan)
- Jung Ho Lee (Seoul National University, Korea)
- Tomohide Saio (Tokushima University, Japan)
- Matthias Wolf
(Okinawa Institute of Science and Technology, Japan)
- Eric Fung Chen (Thermo Fisher)
- Susumu Uchiyama (Osaka University, Japan)
- Young Jun Im (Chonnam National University, Korea)
- Hideki Taguchi (Tokyo Institute of Technology University, Japan)
- Jiyeon Han (University of Seoul, Korea)
- Hyeonwoo Kim
(Korea Advanced Institute of Science and Technology, Korea)
- Shinichi Sato (Tohoku University, Japan)
- Hyun Joo An (Chungnam National University, Korea)
- Satoko Akashi
(Yokohama City University, Japan)

2024.

6.14 (Fri)

9:00-20:00

Venue:

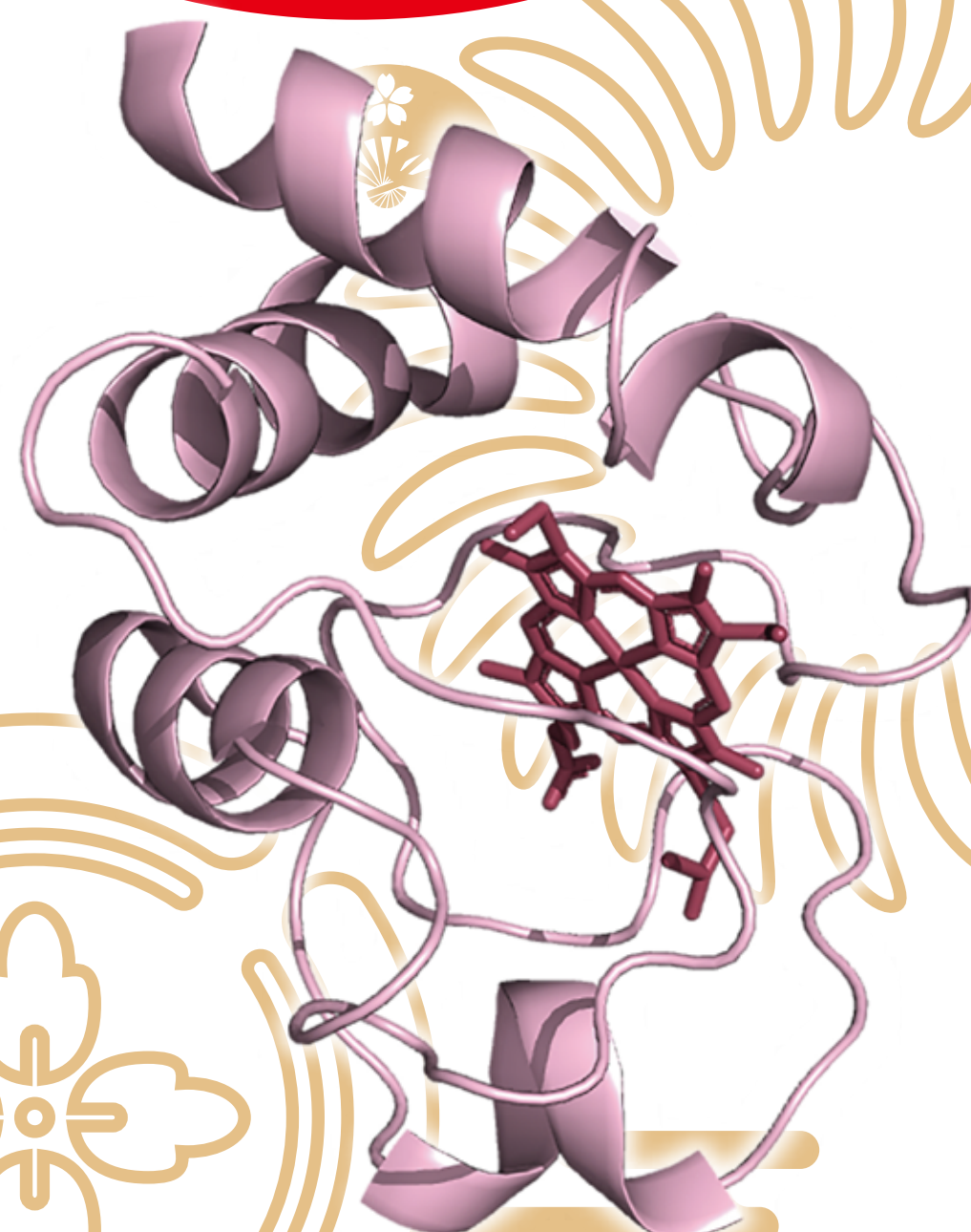
Multipurpose lecture room,
Faculty of Pharmaceutical Science,
Hokkaido University, Sapporo, Japan

6.15 (Sat)

10:00-17:00

Venue:

Clinical Pharmacy Lecture Room,
Faculty of Pharmaceutical Sciences,
Hokkaido University, Sapporo, Japan



Hosted by
Protein Science Society of Japan (PSSJ) / Korean Society for Protein Science (KSPS) / Institute for Protein Research (IPR), Osaka University

Co-hosted by
Hokkaido University, Center for Research and Education on Drug Discovery, Faculty of Pharmaceutical Sciences (30th Pharma Science Forum)/
AMED Basis for Supporting Innovative Drug Discovery and Life Science Research / Hokkaido University Institute for Vaccine Research & Development /
Grant-in-Aid for Transformative Research Areas(A) " Biophysical Chemistry for Material Symbiosis"

Sponsorship
CELLKEY, QIAGEN, ReFeyn, Thermo Fisher Scientific, KBSI

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Program

Day 1, 14 June

Venue: Multipurpose lecture room,
Faculty of Pharmaceutical Science

09:00-10:00	Registration
10:00-10:05	Welcome Speech Koichiro Ishimori (Vice President, Hokkaido University, Japan)
10:05-10:10	Openning Remarks Katsumi Maenaka (President of PSSJ, Hokkaido University, Japan)
10:10-10:20	Recent advances in protein science Young-Ho Lee (Korea Basic Science Institute, Korea)
Session I. Protein Structure and Dynamics Hyung-Sik Won (Konkuk University, Korea)	
10:20-10:45	Jae-Sung Woo (Korea University, Korea) Conformational changes in the human Cx43/GJA1 gap junction channel visualized using cryo-EM
10:45-11:10	Kenji Inaba (Kyushu University, Japan) Structural and mechanistic basis of zinc-dependent protein quality control at the ER-Golgi interface
11:10-11:35	Jung Ho Lee (Seoul National University, Korea) Studies on intrinsically disordered proteins using NMR spectroscopy
11:35-12:00	Tomohide Saio (Tokushima University, Japan) Dissecting concerted action of a chaperone complex by NMR
12:00-14:00 (Lunch)	Lunchon Seminar Matthias Wolf (Okinawa Institute of Science and Technology, Japan) High esolution structural determination using cryoEM for pathogen
12:30-13:30 (Lunchon Seminar)	Eric Fung Chen (Thermo Fisher) High resolution 3D imaging and analysis using cryoEM for protein and cell biology
Session II. Disease & Drug Discovery Masaki Okumura (Tohoku University, Japan)	
14:00-14:25	Susumu Uchiyama (Osaka University, Japan) Comprehensive biophysical and biochemical characterizations of virus vectors for gene therapy
14:25-14:50	Young Jun Im (Chonnam National University, Korea) Structural mechanism of azole resistance by fungal transcription factor Upc2 and the application to drug discovery
14:50-15:15	Hideki Taguchi (Tokyo Institute of Technology University, Japan) Role of chaperonin GroEL in the folding of aggregation-prone protein
15:15-15:40	Jiyeon Han (University of Seoul, Korea) Impact of copper on amyloid pathology within Alzheimer’s disease
15:40-16:10	Coffee Break & Photo session
Session III : State-of-the-art Technique to Study Proteins Jin Hae Kim (Daegu Gyeongbuk Institute of Science & Technology, Korea)	
16:10-16:35	Hyeonwoo Kim (Korea Advanced Institute of Science and Technology, Korea) Decoding exercise at protein levels and health
16:35-17:00	Shinichi Sato (Tohoku University, Japan) Development of probe molecules for selective chemical labeling of aggregating proteins
17:00-17:25	Hyun Joo An (Chungnam National University, Korea) Exploring protein glycosylation in the mammalian brain to understand neuropsychiatric disorders
17:25-17:50	Satoko Akashi (Yokohama City University, Japan) Single-cell native mass spectrometry for characterization of protein non-covalent interactions
18:00-20:00	Banquet (Hokkaido University) Kampai Speech (Toast) Kyung-Jin Kim (President of KSPS, Kyungpook National University, Korea)

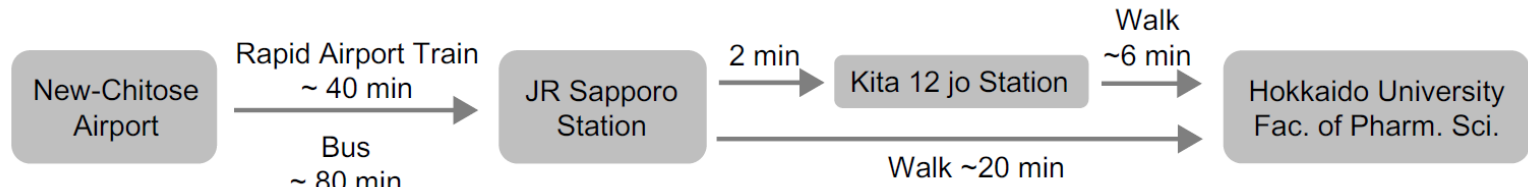
Day 2, 15 June

Venue: Clinical Pharmacy Lecture Room,
Faculty of Pharmaceutical Sciences

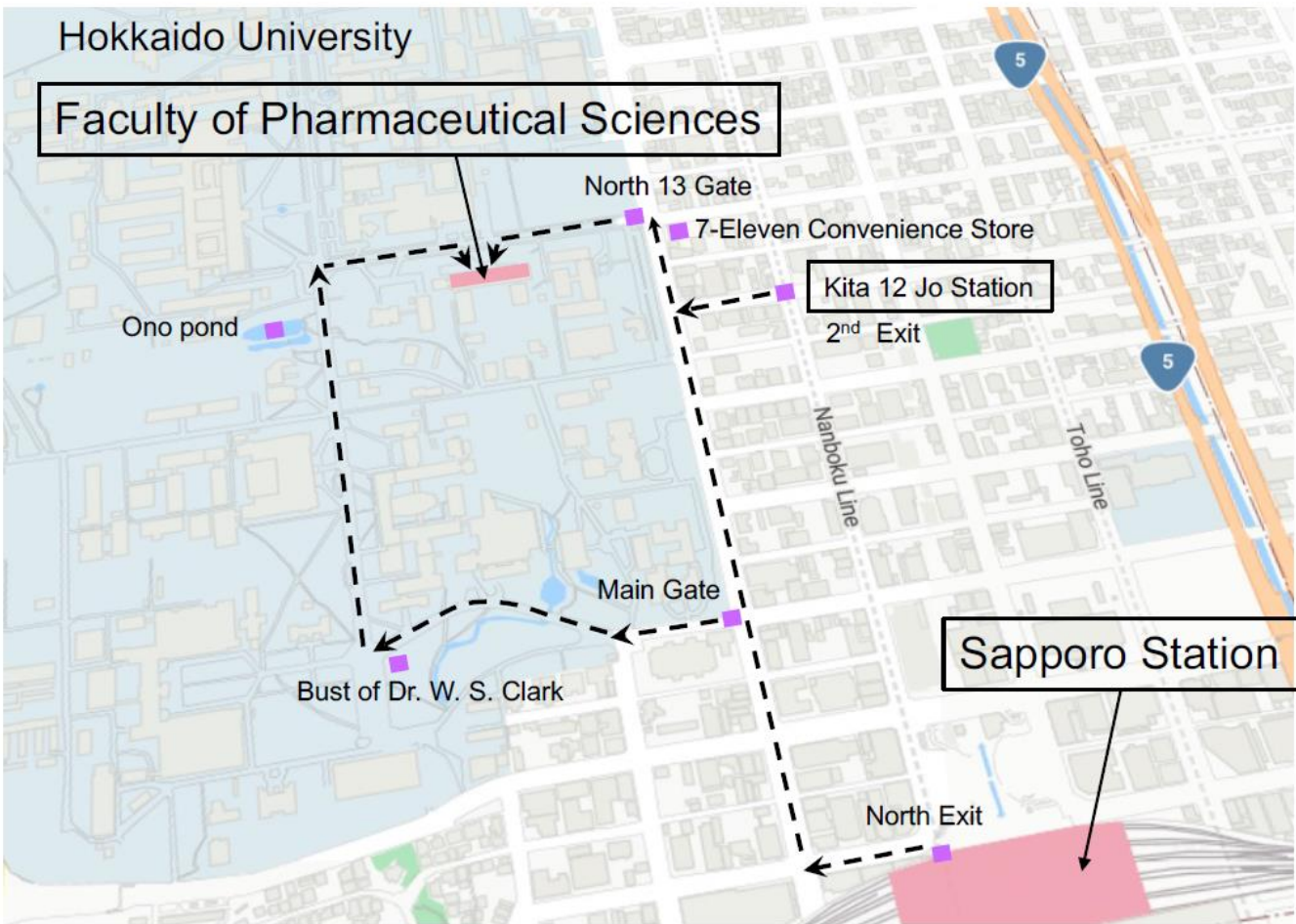
10:00-12:00	Cryo-EM / NMR / Panel Discussion
12:00-14:00	Lunch
14:00-15:00	Flash Talk I (Students / Young Scientists / Company) Chulhong Oh (Korea Institute of Ocean Science & Technology, Korea)
15:00-15:20	Coffee Break
15:20-16:20	Flash Talk II (Students / Young Scientists / Company) Kazumasa Sakurai (Kinki University, Japan)
16:20-16:30	Coffee Break
16:30-16:50	Awards Ceremony Sam Yong Park (Yokohama City University, Japan)
16:50-17:00	Closing Remarks Atsushi Nakagawa (Osaka University, Japan)

How to Access

Transportation Guidance



Access Map



Floor Map in Fac. of Pharm. Sci.

