July 9 (Tue)

15:00-17:00 Registration

17:20-17:30 Opening Remarks: Keiji TANAKA

Plenary Lecture

Chair: Keiji TANAKA

17:30-18:30	New insights into biochemical mechanisms of the 26S proteasome Department of Cell Biology, Harvard Medical School, USA Alfred L. GOLDBERG

18:40-20:00 Welcome Reception

July 10 (Wed)

7:00-8:50 Breakfast

Session A: Basic Mechanisms of the Proteasome

Chairs: Wolfgang P. BAUMEISTER, Keiji TANAKA

9:00-9:30	A-1	Recent advances in structural studies of the 26S proteasome Department of Structural Biology, Max-Planck-Institute of Biochemistry, Germany Wolfgang P. BAUMEISTER
9:30-10:00	A-2	Regulation of proteasome activity Department of Cell Biology, Harvard Medical School, USA Daniel FINLEY
10:00-10:30	A-3	BAG6 is essential for selective elimination of aggregation-prone defective proteins Department of Biological Sciences, Tokyo Metropolitan University, Japan Hiroyuki KAWAHARA

10:30-11:00 Coffee Break

11:00-11:15	A-4 (41)	Proteasomal degradation resolves competition between cell polarization and cellular wound healing Graduate School of Medical Science, Nagoya City University, Japan Keiko KONO
11:15-11:30	A-5 (35)	Structure and function of moyamoya disease-associated AAA+ ATPase/ubiquitin ligase mysterin Faculty of Life Sciences, Kyoto Sangyo University, Japan Daisuke MORITO
11:30-12:00	A-6	In-depth analysis of cellular dynamism of the proteasome Tokyo Metropolitan Institute of Medical Science, Japan Keiji TANAKA
12:00-12:30	A-7	Regulation of eukaryotic proteasome assembly Department of Molecular Biophysics and Biochemistry, Yale University, USA Mark HOCHSTRASSER

Number in parenthesis: poster number

12:30-14:00 Lunch

Session B: ***Regulation of Ubiquitylation***

Chairs: Raymond DESHAIES, Shigetsugu HATAKEYAMA

14:00-14:30	B-1	Regulation of culling-RING ubiquitin ligases California Institute of Technology, USA Raymond DESHAIES
14:30-15:00	B-2	Ubiquitin-dependent regulation of ASK1 stress signaling in cell death Laboratory of Cell Signaling, Graduate School of Pharmaceutical Sciences, The University of Tokyo, Japan Hidenori ICHIJO
15:00-15:30	B-3	Functional analysis of F-box proteins in vivo School of Medicine, Tohoku University, Japan Keiko NAKAYAMA

15:30-16:00 Coffee Break

16:00-16:15	B-4 (46)	Real-time, label-free monitoring of poly ubiquitin chain formation with bacterial ubiquitin ligase Division of Bacterial Infection Biology, Institute of Medical Science, The University of Tokyo, Japan Minsoo KIM
16:15-16:30	B-5 (19)	Recognition of K63-linked ubiquitin chains by the Ankrd13 family of UIM-bearing proteins regulates endocytosis of plasma membrane proteins Department of Biological Sciences, Tokyo Institute of Technology, Japan Masayuki KOMADA
16:30-17:00	B-6	Regulation of cellular functions by TRIM proteins Department of Biochemistry, Hokkaido University, Japan Shigetsugu HATAKEYAMA
17:00-17:30	B-7	The HRD ubiquitin ligase: managing protein quality control and ubiquitylation to maintain protein homeostasis in the secretory pathway Cancer Department, Max-Delbrück-Center for Molecular Medicine, Germany Thomas SOMMER

Number in parenthesis: poster number

17:30-19:00 Dinner

19:00-21:00	Poster Session [I]

July 11 (Thu)

7:00-8:50 Breakfast

Keynote Lecture	
	Chair: Kazuhiro IWAI
9:00-9:40	The ubiquitin proteolytic system-from basic mechanisms thru human diseases and on to drug development Faculty of Medicine, Technion-Israel Institute of Technology, State of Israel Aaron J. CIECHANOVER

Session C: ***Diverse Roles of Ubiquitylation***

Chairs: Kazuhiro IWAI, Stefan JENTSCH

9:40-10:10	C-1	Linear polyubiquitination: a new regulator of NF-κB activation Department of Molecular and Cellular Physiology, Graduate School of Medicine, Kyoto University, Japan Kazuhiro IWAI
10:10-10:40	C-2	Structural basis of ubiquitin chain recognition Department of Structural Biology, Stanford School of Medicine, Stanford University, USA Soichi WAKATSUKI

10:40-11:10 Coffee Break

11:10-11:25	C-3 (20)	Stabilization of mouse CRY proteins by FBXL21 is critical for circadian oscillation of the biological clock. ～Molecular characterization of FBXL21 in circadian clockwork～ Department of Biophysics and Biochemistry, Graduate School of Science, The University of Tokyo, Japan Arisa HIRANO
11:25-11:40	C-4 (31)	Functional analysis of budding yeast SCFYlr224w E3 ligase Graduate School of Science, Nagoya University, Japan Takumi KAMURA
11:40-12:10	C-5	Ubiquitin-fold modifier 1 as a transcriptional regulator Department of Biological Sciences, Seoul National University, Korea Chin Ha CHUNG
12:10-12:40	C-6	Relevance of substrate-selective and protein group SUMOylation for nuclear activities Department of Molecular Cell Biology, Max-Planck-Institute of Biochemistry, Germany Stefan JENTSCH

Number in parenthesis: poster number

12:40-14:00 Lunch

Session D: ***Pathophysiological Roles of the Proteasome***

Chairs: Ron R. KOPITO, Shigeo MURATA

14:00-14:30	D-1	Presentation of unique peptide repertoire on MHC class I by the thymoproteasome Graduate School of Pharmaceutical Sciences, The University of Tokyo, Japan Shigeo MURATA
14:30-15:00	D-2	Immunoproteasomes in the regulation of protein homeostasis Institute of Biochemistry, Charité-Universitätsmedizin Berlin, Germany Peter-Michael KLOETZEL
15:00-15:30	D-3	Immunoproteasomes and human diseases Department of Immunology, The University of Tokushima, Japan Koji YASUTOMO

15:30-16:00 Coffee Break

16:00-16:15	D-4 (32)	A missense mutation in Psmb11 impairs thymoproteasome assembly and T cell development Department of Immunology and Pathology, National Center for Global Health and Medicine, Japan Takeshi NITTA
16:15-16:30	D-5 (43)	Loss of MHC class II ubiquitination negatively regulates dendritic cells Laboratory of integrative infection immunology, Showa Pharmaceutical University, Japan Satoshi ISHIDO
16:30-17:00	D-6	Regulation of leaf organ size and gene silencing by plant proteasome Research Faculty of Science, Hokkaido University, Japan Junji YAMAGUCHI
17:00-17:30	D-7	The role of protein aggregation and ubiquitylation in the pathogenesis of Huntingtons disease Department of Biology, Stanford University, USA Ron R. KOPITO

Number in parenthesis: poster number

17:30-19:00 Dinner

19:00-21:00	Poster Session [II]

July 12 (Fri)

7:00-8:50 Breakfast

*Session E: **Ubiquitin and Diseases***

Chairs: Keiichi NAKAYAMA, Michele PAGANO

9:00-9:30	E-1	Control of cell proliferation by SCF ubiquitin ligases and its relevance in human cancers Howard Hughes Medical Institute and Department of Pathology, NYU Cancer Institute, New York University School of Medicine, USA Michele PAGANO
9:30-10:00	E-2	Fbw7 is essential for maintenance of quiescence and function of cancer stem cells Department of Molecular and Cellular Biology, Medical Institute of Bioregulation, Kyushu University, Japan Keiichi NAKAYAMA
10:00-10:30	E-3	Identification of a primary target of thalidomide's complex biological effects Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology, Japan Hiroshi HANDA

10:30-11:00 Coffee Break

11:00-11:15	E-4 (48)	Coordinated functions of BRCA1, Claspin and HERC2 in DNA damage response and cell cycle Department of Translational Oncology, St. Marianna University Graduate School of Medicine, Japan Tomohiko OHTA
11:15-11:30	E-5 (7)	Identifying HECT E3 ubiquitin ligase substrate pairs by mechanism based approach Department of Chemistry, Northwestern University, USA Sungjin PARK

11:30-12:00	E-6	Regulation of cullin-RING ligases by viral deneddylases Department of Cell and Molecular Biology, Karolinska Institutet, Sweden Maria MASUCCI
12:00-12:30	E-7	The Keap1-Nrf2 system for environmental response Department of Medical Biochemistry, Tohoku University Graduate School of Medicine, Japan Masayuki YAMAMOTO

Number in parenthesis: poster number

12:30-12:45 Announcement

12:45-12:50 Closing Remarks: Kazuhiro IWAI

12:50-13:30 Lunch