

Ito International Research Center Symposium, The University of Tokyo
The 20th East Asia Joint Symposium
Program

Meeting Venue: Ito International Research Center, Hongo Campus, The University of Tokyo

	November 6th (Wednesday), Meeting Day 1		
	09:00-09:30	Entering the hall	
	09:30-09:35	Opening Remarks Vice-Dean Prof. Yoshinori Murakami	
	Session1	Biochemistry, Neurology & Embryology Chair: Prof. Koji Hase/Prof. Nobuaki Yoshida	
O-1	09:35-10:00	Nei-Li Chan (IBMB, NTU)	Structural Basis of Antizyme-Mediated Inhibition and Proteasomal Degradation of Ornithine Decarboxylase
O-2	10:00-10:25	Junho Lee (IMBG, SNU)	To be or not to be (standing), that is the question: a dispersal behavior of the nematode <i>C. elegans</i>
O-3	10:25-10:50	Jing-Jer Lin (IBMB, NTU)	<i>Saccharomyces</i> THO components affect telomere function through two mechanistically different pathways
	10:50-11:05	Break (15min.)	
O-4	11:05-11:30	Lingling Chen (SIBCB, CAS)	Gene expression regulation by intronic long noncoding RNAs
O-5	11:30-11:55	Fu-Hsiung Chang (IBMB, NTU)	Novel Physical Properties of Lipid-coated Nanoparticles for Molecular Imaging and Therapy
	Session2	Virology Chair: Prof. Hideo Iba	
O-6	13:30-13:55	Myung-Soo Kang (SBRI, SKKU)	Small molecule inhibition of epstein-barr virus nuclear antigen-1 DNA binding activity interferes with replication and persistence of the viral genome
O-7	13:55-14:20	Matthias Wolf (OIST)	A Mechanism for Poliovirus Uncoating from Cryo-EM Structures
O-8	14:20-14:45	Chieko Kai (IMSUT)	Development of recombinant vaccines for Nipah virus infection
	14:45-15:00	Break (15min.)	
	Young Investigator Presentation1 Chair: Mr. Hoshi, Mr. Inoue		
O-9 (P-1)	15:00-15:05	Taisuke Hoshi (IMSUT)	The chaperon protein Mesdc2 facilitates the glycosylation of Lrp4
O-10 (P-2)	15:05-15:10	Wei Jiang (SIBCB, CAS)	A deubiquitinating enzyme regulates the sterol-stimulated degradation of HMG-CoA reductase
O-11 (P-3)	15:10-15:15	Hyo Rim Ko (SBRI, SKKU)	Tumor suppressor p42 Ebp1 controls PI3K stability
O-12 (P-4)	15:15-15:20	Hsiang-Yi Wu (IBMB, NTU)	Structural study of human ornithine decarboxylase in complex with antizyme
O-13 (P-5)	15:20-15:25	Myong-Ho Jeong (SBRI, SKKU)	A Shh coreceptor Cdo is required for normal heart development and cardiomyogenesis
O-14 (P-6)	15:25-15:30	Beomseok Seo (IMBG, SNU)	Dissecting Alternative Lengthening of Telomeres in the Nematode <i>Caenorhabditis elegans</i>
O-15 (P-7)	15:30-15:35	Tam Thi Thanh Phuong (SBRI, SKKU)	Positive feedback control between STIM1 and NFATc3 is required for C2C12 myoblast differentiation
O-16 (P-8)	15:35-15:40	Ji-Seung Yoo (IVR, Kyoto Univ.)	DHX36 regulates innate immunity by mediating the PKR-RIG-I axis signaling pathway

O-17 (P-9)	15:40-15:45	Seung Ho Lee (SBRI, SKKU)	Identification of a recurrent RHOA mutation in angioimmunoblastic T-cell lymphoma by massively parallel sequencing
O-18 (P-10)	15:45-15:50	Hsi Hsien Hsieh (IBMB, NTU)	Overexpressing SerpinB2 induces senescence through p53-independent and p21-dependent pathway
O-19 (P-11)	15:50-15:55	Daichi Inoue (IMSUT)	C-terminal-truncating ASXL1 mutations induce MDS via repression of PRC2 function
O-20 (P-12)	15:55-16:00	Bangan Wang (SIBCB, CAS)	Tet1 and Tet2 mediate DNA demethylation at imprinted loci in mouse primordial germ cells
O-21 (P-13)	16:00-16:05	Te-Sheng Lin (IBMB, NTU)	Structural and Functional Analyses of a Betaine Biosynthesis Enzyme: Sarcosine Dimethylglycine Methyltransferase from <i>Methanohalophilus portucalensis</i>
O-22 (P-14)	16:05-16:10	Sun-Il Yun (SBRI, SKKU)	A new mechanism for the regulation of the Wnt/ β -catenin signaling pathway

November 7th (Thursday), Meeting Day 2

09:00-09:15 Entering the hall

Young Investigator Presentation2 Chair: Mr. Pei, Dr. Takahashi

O-23 (P-15)	09:15-09:20	Yukiko Harima (IVR, Kyoto Univ.)	Accelerating the tempo of the segmentation clock by reducing the number of introns in the Hes7 gene
O-24 (P-16)	09:20-09:25	Jinsung Yang (IMBG, SNU)	Understanding of PINK1 Pathogenic Mutations in Mammalian cells and <i>Drosophila</i>
O-25 (P-17)	09:25-09:30	Zheng Pei (IMSUT)	Adenovirus vectors lacking the expression of virus-associated (VA) RNAs increase shRNA activity: application to hepatitis C virus replication
O-26 (P-18)	09:30-09:35	Guangyong Ma (IVR, Kyoto Univ.)	HTLV-1-mediated dysregulation of the Wnt pathways: roles of Tax and HBZ
O-27 (P-19)	09:35-09:40	Hyun-Jeong Kwon (IMSUT)	Analysis of the pathogenic potential of measles virus inclusion bodies
O-28 (P-20)	09:40-09:45	Juan Li (SIBCB, CAS)	Deficiency of β -arrestin1 ameliorates collagen-induced arthritis with impaired T _H 17 cell differentiation
O-29 (P-21)	09:45-09:50	Cui Guangwei (IVR, Kyoto Univ.)	Identification and Characterization of IL-15-Expressing Cells In Vivo
O-30 (P-22)	09:50-09:55	Misun Kwon (IMBG, SNU)	Kif18A is required for faithful coordination of chromosome segregation and cytokinesis
O-31 (P-23)	09:55-10:00	Hao Sun (SIBCB, CAS)	Distinct chemokine signaling regulates integrin ligand specificity to dictate tissue-specific lymphocyte homing
O-32 (P-24)	10:00-10:05	Sarang Tartey (IVR, Kyoto Univ.)	Akirin2 is essential for inducing inflammatory genes in macrophages by bridging I κ B-z and the chromatin remodeling complex
O-33 (P-25)	10:05-10:10	Sung Sik Choe (IMBG, SNU)	Macrophage hypoxia-inducible factor 2 α attenuates chronic inflammation and insulin resistance of adipose tissue in obesity
O-34 (P-26)	10:10-10:15	Mariko Takahashi (IMSUT)	Human CD300C delivers an Fc receptor- γ -dependent activating signal in mast cells and monocytes and differs from CD300A in ligand recognition
O-35 (P-27)	10:15-10:20	Wei Yang (SIBCB, CAS)	Ca ²⁺ regulates T-cell receptor activation by modulating the charge property of lipids
O-36 (P-28)	10:20-10:25	Jia-Shiun Leu (IBMB, NTU)	SP110 is a novel regulator of TNF- α production during pro-inflammation
	10:25-10:40	Break (15min.)	

	Session3	Immunology	Chair: Assoc. Prof. Taishin Akiyama
O-37	10:40-11:05	Woong-Yang Park (SBRI, SKKU)	Whole-Exome Sequencing Identifies Mutations of Congenital Skeletal Dysplasia
O-38	11:05-11:30	Jongsik Chun (IMBG, SNU)	Bacterial diversity of human body: Concept, Technology and Application
O-39	11:30-11:55	Koichi Ikuta (IVR, Kyoto Univ.)	Visualization of the Immune Microenvironment by Reporter Mice
	Session4	Cancer	Chair: Prof. Yoshinori Murakami/Prof. Jun-ichiro Inoue
O-40	13:30-13:55	Lijian Hui (SIBCB, CAS)	Change of cell identity: Tumorigenesis and lineage conversion
O-41	13:55-14:20	Tsai-Kun Li (IBMB, NTU)	Activation of topoisomerase II-mediated DNA cleavage and mutagenesis underlies the development of cancer
O-42	14:20-14:45	Toshio Kitamura (IMSUT)	Molecular basis of hematological malignancies
	14:45-15:00	Break (15min.)	
O-43	15:00-15:25	Hyunsook Lee (IMBG, SNU)	Mitotic infidelity and cancer using mouse models
O-44	15:25-15:50	Gaoxiang Ge (SIBCB, CAS)	Minor type IV collagen α5 chain promotes cancer progression through collagen receptor DDR1
O-45	15:50-16:15	Duck-Hwann Kim (SBRI, SKKU)	Retinoid in lung cancer: for better or for worse?
	16:15-16:30	Break (15min.)	
	Session5	Signal & RNA	Chair: Prof. Kenta Nakai
O-46	16:30-16:55	Chang-Woo Lee (SBRI, SKKU)	A novel B cell signal transduction which promotes lymphomagenesis
O-47	16:55-17:20	Yuji Yamanashi (IMSUT)	Signaling in neuromuscular junction synaptopathy
O-48	17:20-17:45	Mutsuhiro Takekawa (IMSUT)	MCRIP1, a novel substrate of ERK, mediates ERK-induced gene silencing during epithelial-to-mesenchymal transition
O-49	17:45-18:10	Jongkyeong Chung (IMBG, SNU)	Regulation of lipid homeostasis by LKB1

November 8th (Friday), Meeting Day 3		
	09:00-09:30	Entering the hall
	09:30-09:40	Opening Remarks Dean Prof. Hiroshi Kiyono
EAJS 20-Year Anniversary Special Symposium		
Session1 Chair: Prof. Hirotoshi Tanaka		
O-50	09:40-10:10	Sho Yamasaki (MIB, Kyushu Univ.) Recognition of pathogens through C-type lectin receptors
O-51	10:10-10:40	Takashi Fujita (IVR, Kyoto University) Regulation of antiviral innate immunity by RIG-I-Like Receptors
	10:40-11:00	Break (20min.)
Session2 Chair: Prof. Toshio Kitamura		
O-52	11:00-11:30	Qi Zhou (IOZ, CAS) Cell programming, reprogramming and pluripotency
O-53	11:30-12:00	Hiromitsu Nakauchi (IMSUT) Organs, not Cells Generation of Functional Organs from Pluripotent Stem Cells
	13:15-13:30	Greetings from Prof. Jeong-Bin Yim (Theme of Talk: History of EAJS)
Session3 Chair: Prof. Toshiya Manabe		
O-54	13:30-14:00	Jiawei Zhou (SIBS, CAS) Role of astrocytic dopamine D2 receptor in the control of neuroinflammation
O-55	14:00-14:30	Bong-Kiun Kaang (SNU) Impaired synaptic plasticity in a mouse model of autism
O-56	14:30-15:00	Ichiro Masai (OIST) Molecular mechanism underlying photoreceptor degeneration in response to vesicular fusion defects
	15:00-15:20	Break (20min.)
Session4 Chair: Prof. Kensuke Miyake		
O-57	15:20-15:50	Ming-Fu Chang (IBMB, NTU) Learn from a virus to human disease
O-58	15:50-16:20	Anning Lin (SIBCB, CAS) Regulation of Inflammation by Novel IKK Signaling
O-59	16:20-16:50	V. Narry Kim (SNU) Biogenesis and Regulation of MicroRNA
	16:50-17:05	Greetings from Prof. Wan-Kyoo Cho Future Vision and Expectations for the East Asia Network
	17:05-17:15	Tomy Awards Ceremony
	17:15-17:20	Closing Remarks Vice-Dean Prof. Kensuke Miyake