

The 14th East Asia Joint Symposium

On Biomedical Research

November 13-14, 2007
IMSUT Auditorium

Nov. 13th

09:00-09:05 Opening Remark
09:05-10:45 Session 1
10:45-11:00 Coffee Break
11:00-12:40 Session 2
12:40-13:40 Lunch
13:40-15:20 Session 3
15:20-15:30 Coffee Break
15:30-16:54 Poster Presentation
16:54-18:00 Poster Viewing & Coffee Break

Nov. 14th

09:00-10:40 Session 4
10:40-10:55 Coffee Break
10:55-12:35 Session 5
12:35-13:45 Lunch
13:45-15:50 Session 6
15:50-16:10 Coffee Break
16:10-17:50 Session 7
17:50-18:00 Conclusion

Program

Nov. 13

09:00-09:05		Opening Remark Prof. Motoharu Seiki (Dean of IMSUT)
09:05-10:45		Session 1: Genome and Gene expression Chair: Prof. Jung-Yaw Lin
09:05-09:30	S1-1	Yoichi Furukawa (IMSUT) The lysine 831 of VEGFR1 a novel target of methylation by SMYD3 histone methyltransferase
09:30-09:55	S1-2	Jong-Won Kim (SBRI) Charcot-Marie-Tooth Disease CMTX5: From Disease to Gene Identification
09:55-10:20	S1-3	Charlie Degui Chen (IBCB) JARID1B is a histone 3 lysine 4 demethylase upregulated in prostate cancer
10:20-10:45	S1-4	Yusuke Nakamura (IMSUT) From cancer genomics to cancer treatment; from hope to real
10:45-11:00		Coffee Break
11:00-12:40		Session 2: Neuro and Developmental Biology Chair: Prof. Naihe Jin
11:00-11:25	S2-1	Yoshio Koyanagi (IVR) HIV-1 viral protein R inhibits axon formation that leads to impaired repairment of synaptodendritic connections through induction of mitochondrial dysfunction
11:25-11:50	S2-2	Jong-Sun Kang (SBRI) Role of Cdo and Boc in mouse embryonic development

11:50-12:15	S2-3	Xue-Jun Zhang (IBCB) GSK3 β regulates AChE expression in apoptosis
12:15-12:40	S2-4	Koichi Ikuta (IVR) Control of the T Cell Receptor γ Locus Accessibility by Stat5 and Histone Modifications
12:40-13:40		Lunch
13:40-15:20		Session 3: Cell Physiology Chair: Prof. Hiroshi Kiyono
13:40-14:05	S3-1	Yoshinori Murakami (IMSUT) Involvement of a cell adhesion molecule, TSLC1/CADM1, in lung tumorigenesis
14:05-14:30	S3-2	Mutsuhito Ohno (IVR) Role of Purine-rich Exonic Splicing Enhancers in Nuclear Retention of Pre-mRNAs
14:30-14:55	S3-3	Jae Bum Kim (IMBG) Activation of LXR and Beta-cell Dysfunction in Type 2 Diabetes
14:55-15:20	S3-4	Fang-Jen S. Lee (IBMB) Roles of ARF and ARF-Like Proteins in Vesicular Trafficking and Actin Organization
15:20-15:30		Coffee Break
15:30-16:54		Oral Poster Presentation by Young Scientists Chair: Robert Whittier
15:30-15:33	P-1	Lei Xiong (IBCB) A novel role for IGF-1R in p53-mediated apoptosis through translational modulation of the p53-Mdm2 feedback loop

15:33-15:36	P-2	Bing Luan (IBCB) Deficiency of Insulin Receptor/Akt/ β arrestin2/Src signalosome contributes to insulin resistance and type 2 diabetes
15:36-15:39	P-3	Xiao-Fen Chen (IBCB) The effects of telomere length and structure on replicative aging in <i>Saccharomyces cerevisiae</i>
15:39-15:42	P-4	Jintao Wang (IBCB) NF- κ B Transcription Factor p50 Critically Regulates Tissue Factor in Deep Vein Thrombosis
15:42-15:45	P-5	Yongli Shan (IBMB) Nudel participates in cell migration through regulating the turnover of Focal Contact and F-actin system
15:45-15:48	P-6	Sai-Wen Tang (IBMB) Upregulation of Nicotinamide N-methyltransferase Contributes to Migration and Invasion in Clear Cell Renal Cell Carcinoma
15:48-15:51	P-7	Cheng Huang (IBMB) Large Hepatitis Delta Antigen Is a Novel Clathrin Adaptor-Like Protein Critical for Viral Assembly and Pathogenesis
15:51-15:54	P-8	Yen-Ling Chen (IBMB) Identification of a Putative Human Mitochondrial Thymidine Monophosphate Kinase
15:54-15:57	P-9	Li-Ting Jang (IBMB) The RNA-Binding Protein Rbp1p Modifies Stability of Porin mRNA and Localizes in Specific mRNA-Processing Foci, P-Bodies
15:57-16:00	P-10	Jang-Shiun Wang (IBMB) Signaling Pathways of FasL-Induced Caspase-Independent Cell Death and Inflammatory Responses
16:00-16:03	P-11	Jaehak Oh (IMBG) BAF60a interacts with p53 to recruit the SWI/SNF complex

16:03-16:06	P-12	<p>Eunhee Choi (IMBG)</p> <p>BRCA2 Controls Spindle Assembly Checkpoint by Regulating Acetylation and Proteolysis of BubR1 at Prometaphase</p>
16:06-16:09	P-13	<p>Hyun-Moo Cho (IMBG)</p> <p>RNF135 Interacts with and Inhibits Ubiquitination of p63</p>
16:09-16:12	P-14	<p>Yun Sok Lee (IMBG)</p> <p>Down-Regulation of Glutathione Peroxidase 3 (GPx3) in Adipose Tissue of Obese Subjects Is Associated with Obesity-Related Increase of Oxidative Stress</p>
16:12-16:15	P-15	<p>Kyungmi Koh (IMBG)</p> <p>Downregulation of Glial Fibrillary Acidic Protein(GFAP) by IE1 protein of Human Cytomegalovirus</p>
16:15-16:18	P-16	<p>Kazuki Saito (IMSUT)</p> <p>Validation of ciliates eRF1s' acquired codon specificity and its analytical application for study of stop codon recognition in Eukaryotes</p>
16:18-16:21	P-17	<p>Takahiro Nagatake(IMSUT)</p> <p>Bone marrow derived inflammatory cells play a key role in the development of vascular disease</p>
16:21-16:24	P-18	<p>Nobutake Yamamichi (IMSUT)</p> <p>Frequent loss of Brm expression in gastric cancer correlates with histological features and differentiation status.</p>
16:24-16:27	P-19	<p>Yayoi saito (IMSUT)</p> <p>Low-dose cyclophosphamide treatment slows down atherosclerosis progression in a murine model</p>
16:27-16:30	P-20	<p>Naoki Oshimori(IMSUT)</p> <p>A novel Plk1 substrate complex that control spindle pole integrity</p>
16:30-16:33	P-21	<p>Yorifumi Satou (IVR)</p> <p>The HTLV-I bZIP factor gene causes chronic inflammatory disease and T-cell lymphoma in transgenic mice</p>
16:33-16:36	P-22	<p>Marie Murakami (IVR)</p> <p>Screening of novel SET-domain methyltransferase substrates with a wheat germ cell-free protein expression system</p>

16:36-16:39	P-23	Kaku Goto (IVR) Cellular factors revealed by antiviral chemicals screened out lead a new treatment for Hepatitis C virus
16:39-16:42	P-24	Koji Onomoto (IVR) Signal transduction by oligomerization of RIG-I CARD
16:42-16:45	P-25	Kyungmin Kim (SBIR) The solution structure of the Z β domain of the Z-DNA binding protein 1(ZBP1) shows a distinct insight for Z-DNA binding
16:45-16:48	P-26	Myoung Sook Han (SBIR) Imatinib mesylate induces remission of type 2 diabetes by reducing ER stress
16:48-16:51	P-27	Jisuk Jo (SBIR) The Signature from Messenger RNA Expression Profiling Can Predict Lymph Node Metastasis with High Accuracy for Non-small Cell Lung Cancer.
16:51-16:54	P-28	Hyun-Soo Kim (SBIR) Molecular analysis of the novel BubR1-mediated mitotic checkpoint signaling pathways.
16:54-18:00		Poster Viewing/Coffee Break

The meeting will be conducted in English. Symposium speakers will give 20-min talks followed by 5-min discussions. Young scientists should prepare 3-min talks as well as posters. There will be a poster-viewing/discussion session after the oral poster presentation session.

Program

Nov. 14

09:00-10:40		Session 4: Metabolism and Cell Maintenance Chair: Prof. Yim Jeongbin
09:00-09:25	S4-1	Hiroyuki Mori (IVR) How does SecA ATPase drive protein translocation?
09:25-09:50	S4-2	Hyunsook Lee (IMBG) BRCA2 in guard: keeping the genome intact
09:50-10:15	S4-3	Joobae Park (SBRI) Role of TMAP/CKAP2 in spindle maintenance and chromosome segregation
10:15-10:40	S4-4	Baoliang Song (IBCB) Ufd1 is a cofactor of gp78 and plays a key role in cholesterol metabolism by regulating the stability of HMG CoA reductase
10:40-10:55		Coffee Break
10:55-12:35		Session 5: Cell Signaling Chair: Prof. Sumiko Watanabe
10:55-11:20	S5-1	Jung-Yaw Lin (IBMB) Upregulation of Vascular Endothelial Growth Factor D in Clear Cell Renal Cell Carcinoma (ccRCC) by CD74
11:20-11:45	S5-2	Junho Lee (IMBG) Involvement of LATS kinase in the cell polarity maintenance
11:45-12:10	S5-3	Zhengjun Chen (IBCB) Phosphoproteome Approach in Cell Signaling

12:10-12:35	S5-4	Zee-Fen Chang (IBMB) Negatively Regulation of ROCKII by Tyrosine Phosphorylation
12:35-13:45		Lunch
13:45-15:50		Session 6: Cell response mechanism Chair: Prof. Kenichi Arai
13:45-14:10	S6-1	Haruo Saito (IMSUT) Stress Response in Yeast
14:10-14:35	S6-2	Ming-Fu Chang (IBMB) Hepatitis C Virus NS5A Protein Down-Regulates the Spindle Gene aspm through PKR-p38 Signaling Pathway
14:35-15:00	S6-3	Hana Cho (SBRI) Receptor-mediated regulation of ion channels by lipid signaling
15:00-15:25	S6-4	Ming Chen (IBCB) P-selectin primes leukocyte integrin activation during inflammation
15:25-15:50	S6-5	Wan-Wan Lin (IBMB) Statins Induce Cytoprotective Endoplasmic Reticulum Stress in Macrophages
15:50-16:10		Coffee Break
16:10-17:50		Session 7: Host Defence and Immunology Chair : Jun-ichiro Inoue
16:10-16:35	S7-1	Kensuke Miyake (IMSUT) Innate Immune Recognition of Microbial Products by Toll-like receptors

16:35-17:00	S7-2	Rho Hyun Seong (IMBG) Twist2 regulates the CD4/CD8 T cell differentiation by repressing the expression of ThPOK and Gata3
17:00-17:25	S7-3	Hirimitsu Nakauchi Hibernation of hematopoietic stem cells in the bone marrow niche: Implications for leukemic stem cells and leukemia treatment
17:25-17:50	S7-4	Kwangseog Ahn (IMBG) Viral Interference with Redox Network of the MHC Class I Peptide-Loading Complex
17:50-18:00		Conclusion