

Program

February 1, 2008

14:00

Opening Remarks

Yasunobu Yoshikai

(Director of Medical Institute of Bioregulation, Kyushu University)

14:05-15:45

Session 1: Cancer and Cancer Stem Cells

Chair: Katsuji Yoshioka, Keiichi Nakayama

S1-1 (14:05-14:35)

Involvement of a cell adhesion molecule CADM1/TSLC1 in human lung oncogenesis.

Yoshinori Murakami (Institute of Medical Science, The University of Tokyo)

S1-2 (14:35-15:05)

Identification of novel cancer genes using retroviral insertional mutagenesis in mice.

Takeshi Suzuki (Cancer Research Institute, Kanazawa University)

S1-3 (15:05-15:45)

Stem cells: from DNA damage repair to their role in skin carcinogenesis.

Leon H.F. Mullenders (Leiden University Medical Center)

15:45-16:00 Coffee break

16:00-17:52

Young Investigators Forum (Oral Presentation)

Chair: Naoki Makino, Yusaku Nakabeppu

Y-1 (16:00-16:07)

Activation of Wnt signaling in gastric cancer cells by inflammatory macrophages.

Keisuke Oguma (Cancer Research Institute, Kanazawa University)

Y-2 (16:07-16:14)

Essential involvement of the tumor necrosis factor axis in colon carcinogenesis.

Boryana K. Popivanova (Cancer Research Institute, Kanazawa University)

Y-3 (16:14-16:21)

Structural dissection of the interaction between Reelin and its receptor.

Norihisa Yasui (Institute for Protein Research, Osaka University)

Y-4 (16:21-16:28)

Structure of a large ribonucleoprotein complex.

Koji Kato (Institute for Protein Research, Osaka University)

Y-5 (16:28-16:35)

OX40-OX40 ligand interactions in eliciting anti-tumor immunity.

Toshiaki Kikuchi (Institute of Development, Aging and Cancer, Tohoku University)

Y-6 (16:35-16:42)

T cell receptor signaling regulates *RUNX1* gene expression.

Wong Won Fen (Institute of Development, Aging and Cancer, Tohoku University)

Y-7 (16:42-16:49)

HCV infection in immortalized primary human hepatocytes.

Hussein Hassan Aly (Institute for Virus Research, Kyoto University)

Y-8 (16:49-16:56)

A novel anti-HIV approach by changing vesicle transport route of cellular membrane protein.

Takeshi Yoshida (Institute for Virus Research, Kyoto University)

Y-9 (16:56-17:03)

Role of CXCL12-CXCR4 chemokine signaling in the generation of plasmacytoid dendritic cells.

Hiroshi Kohara (Institute for Frontier Medical Sciences, Kyoto University)

Y-10 (17:03-17:10)

The role of c-type lectin receptors in the homeostasis of the immune system.

Noriyuki Fujikado (Institute of Medical Science, The University of Tokyo)

Y-11 (17:10-17:17)

PRAT4A (protein associated with Toll-like receptor 4) is required for multiple Toll-like receptor responses.

Takuma Shibata (Institute of Medical Science, The University of Tokyo)

Y-12 (17:17-17:24)

Involvement of Plexin-A1 *in vivo* dendritic cell-transmigration through dendritic cell-endothelial cell interactions.

Hyota Takamatsu (Research Institute for Microbial Disease, Osaka University)

Y-13 (17:24-17:31)

Differential role of TLR- and RLR-signaling in the immune responses to influenza a virus infection and vaccination.

Shohei Koyama (Research Institute for Microbial Disease, Osaka University)

Y-14 (17:31-17:38)

Epigenetic control of p53 function by CHD8 through recruitment of histone H1.

Masaaki Nishiyama (Medical Institute of Bioregulation, Kyushu University)

Y-15 (17:38-17:45)

Two distinct pathways of cell death triggered by oxidative damage to nuclear and mitochondrial DNAs.

Sugako Oka (Medical Institute of Bioregulation, Kyushu University)

Y-16 (17:45-17:52)

Conditional ablation of Stat3/Socs3 discloses a dual role for reactive astrocytes after spinal cord injury.

Seiji Okada (SSP stem cell Unit, Kyushu University)

18:00-20:00

Young Investigators Forum (Poster Presentation)

(with Buffet)

February 2, 2008

9:00-11:50

Session 2, Development of Immune Systems and Host Defense

Chair: Kensuke Miyake, Akihiko Yoshimura

S2-1 (9:00-9:30)

Molecular analysis of blood vessel maturation in physiological and pathological conditions.

Nobuyuki Takakura (Research Institute for Microbial Disease, Osaka University)

S2-2 (9:30-10:00)

CXCL12-CXCR4 chemokine signaling and niches for hematopoietic stem cells and B cell development.

Takashi Nagasawa (Institute for Frontier Medical Sciences, Kyoto University)

S2-3 (10:00-10:30)

Regulation of autoimmunity by PIR-B, an inhibitory receptor for class I MHC.

Toshiyuki Takai (Institute of Development, Aging and Cancer, Tohoku University)

S2-4 (10:30-11:10)

Studies on the role of IL-27 in the regulation of anti-inflammatory responses.

Christopher Hunter (University of Pennsylvania)

S2-5 (11:10-11:50)

Innate and adaptive immunity to aspergillus fumigatus.

Eric Pamer (Sloan-Kettering Institute)

11:50-13:00 Lunch

13:00-15:10

Session 3. Stem Cell and Differentiation

Chair: Nobuyuki Takakura, Yoshinori Fukui

S3-1 (13:00-13:30)

Necdin, an imprinted gene-encoded protein required for neuronal terminal differentiation.

Kazuaki Yoshikawa (Institute for Protein Research, Osaka University)

S3-2 (13:30-14:00)

Oscillatory expression of Hes1 in mouse embryonic stem cells.

Taeko Kobayashi (Institute for Virus Research, Kyoto University)

S3-3 (14:00-14:30)

Prospective isolation and clonal identification of hepatic stem cells.

Atsushi Suzuki (Medical Institute of Bioregulation, Kyushu University)

S3-4 (14:30-15:10)

Regulation of hematopoietic stem cell commitment by transcription factors.

Koichi Akashi (Center for Cellular and Molecular Medicine, Kyushu University Hospital)

15:10-15:30 Coffee break

15:30-17:20

Session 4: Cancer Therapy

Chair: Takashi Fujita, Masaki Mori

S4-1 (15:30-16:10)

I Tumor progression and development of metastases: the role of free nucleic acids in cell transformation (The “Hypothesis of genomastasis”).

II Expanded adipose-derived stem cells (Cx401) for the treatment of complex perianal fistula; a randomized, controlled clinical trial.

Damian Garcia-Olmo (La Paz University Hospital)

S4-2 (16:10-16:40)

Basic and clinical trials of immune therapy targeting malignancies

Kenzaburo Tani (Medical Institute of Bioregulation, Kyushu University)

S4-3 (16:40-17:20)

Specific targeting of the immune microenvironment for cancer immunotherapy.

Drew M. Pardoll (The Johns Hopkins University, School of Medicine)

17:20-17:30

Yong Investigator Award & Closing Remarks

Yusaku Nakabeppu

(Vice Director of Medical Institute of Bioregulation, Kyushu University)
