

# Program

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**February 1, 2008**

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14:00

## Opening Remarks

**Yasunobu Yoshikai**

(Director of Medical Institute of Bioregulation, Kyushu University)

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14:05-15:45

## Session 1: Cancer and Cancer Stem Cells

Chair: Katsuji Yoshioka, Keiichi Nakayama

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

**Involvelement of a cell adhesion molecule CADM1/TSCLC1 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)

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15:45-16:00 Coffee break

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16:00-17:52

**Young Investigators Forum (Oral Presentation)**

Chair: Naoki Makino, Yusaku Nakabeppu

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**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)

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18:00-20:00

**Young Investigators Forum** (Poster Presentation)

(with Buffet)

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**February 2, 2008**

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9:00-11:50

**Session 2, Development of Immune Systems and Host Defense**  
Chair: Kensuke Miyake, Akihiko Yoshimura

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**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)

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11:50-13:00 Lunch

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13:00-15:10

### **Session 3. Stem Cell and Differentiation**

Chair: Nobuyuki Takakura, Yoshinori Fukui

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**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)

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15:10-15:30 Coffee break

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15:30-17:20

## Session 4: Cancer Therapy

Chair: Takashi Fujita, Masaki Mori

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**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 genometastasis”).**

**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)

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17:20-17:30

## Yong Investigator Award & Closing Remarks

**Yusaku Nakabeppu**

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

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