

Friday, July 17, 2026

2F Highness Hall, Grand Mercure Sapporo Odori Park

8:00 – 9:00 **Registration**

9:00 – 9:05 **Opening Remarks** **Toshikazu Ushijima**

9:05 – 9:10 **Welcome Address** **Masanori Hatakeyama**

Session 1: Alterations of Epigenomic Regulators in Cancer

Chairperson: Atsushi Kaneda

S1-1 9:10 – 9:40

New Insights on Functions of Clear Cell Renal Cell Carcinoma Related Genes: *VHL*, *PBRM1*, and *BAP1*

Bin Tean Teh (National Cancer Centre Singapore, Singapore)

S1-2 9:40 – 10:05

Pan-cancer integrative analyses reveal functional cooperativity among epigenetic driver mutations

Keisuke Kataoka (Keio University School of Medicine, Japan)

10:05 – 10:20 **Break**

ASPIRE Special Session

Chairperson: Toshikazu Ushijima

SS-1 10:20 – 10:50

Early-Life Exposure to Colibactin-Producing Bacteria Shapes the Mutational Landscape of Japanese Colorectal Cancer

Shinichi Yachida (The University of Osaka, Japan)

SS-2 10:50 – 11:20

Epigenetic Determinants of Tumour-Initiating Properties

Mathieu Lupien (University of Toronto, Canada)

SS-3 11:20 – 11:50

The Subclonal Footprint of Early Dissemination in Pancreatic Cancer

Faiyaz Notta (University of Toronto, Canada)

11:50 – 12:10 **Break**

Luncheon Seminar 1

sponsored by OHARA Pharmaceutical Co., Ltd.

Chairperson: Atsushi Manabe

LS1 12:10 – 12:55

Epigenetic modification resembling gene imprinting represents unique genetic background for anti-tumor activity of l-asparaginase

Takeshi Inukai (University of Yamanashi, Japan)

12:55 – 13:10 **Break**

Session 2: Frontiers of Epigenetic Therapy in Solid Tumors

Chairperson: Yutaka Kondo

S2-1 13:10 – 13:35

DOT1L inhibition exerts anti-tumor effects by activating interferon signaling in cancer cells

Hiromu Suzuki (Sapporo Medical University, Japan)

S2-2 13:35 – 14:05

Enhancing immunotherapy via epigenetic modulation of lipid metabolic vulnerability

Alfred Cheng (The Chinese University of Hong Kong, China)

S2-3 14:05 – 14:35

The initial dynamic changes of chromatin upon DNA damage

Wei-Guo Zhu (Shenzhen University Medical School, China)

Session 3: Epigenomic Drug Discovery Using Novel Modalities
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Chairperson: Keisuke Kataoka

S3-1 14:35 – 15:00

Targeting non-coding RNAs to open a new era of cancer therapy

Yutaka Kondo (Nagoya University, Japan)

S3-2 15:00 – 15:25

Catalyst-Enabled Chemical Epigenome Editing through Regioselective Histone Acetylation for Cancer Therapy

Shigehiro Kawashima (The University of Tokyo, Japan)

15:25 – 15:50

Group Photo

Sweets Seminar

sponsored by KEYENCE CORPORATION

Chairperson: Takumi Yamashita

SWS 15:50 – 16:35

Inflammaging of endothelial cells and cancer progression

Kyoko Hida (Hokkaido University, Japan)

2F Crystal Room A, Grand Mercure Sapporo Odori Park

Poster Session

P1-P23 16:35 – 17:50

2F Regent Hall, Grand Mercure Sapporo Odori Park

18:00 – 20:00

Banquet

Saturday, July 18, 2026

2F Highness Hall, Grand Mercure Sapporo Odori Park

Session 4: Epigenetic Therapies Targeting the Tumor Microenvironment

Chairperson: Hiromu Suzuki

S4-1 9:00 – 9:25

Heterogeneity in tumor endothelial cells

Kyoko Hida (Hokkaido University, Japan)

S4-2 9:25 – 9:55

Microbiome-Driven Epigenetic Modulation in Cancer: Toward Histone Methyltransferase-Targeted Therapeutics

Hyun-Soo Cho (Korea Research Institute of Bioscience and Biotechnology, Korea)

Session 5: Early Cancer Diagnosis Using Epigenomic Alterations

Chairperson: Wei-Guo Zhu

S5-1 9:55 – 10:25

DNA Methylation-Based Liquid Biopsy for Early Detection, Recurrence Prediction, and Molecular Classification of Hepatocellular Carcinoma

Young-Joon Kim (Yonsei University, Korea)

S5-2 10:25 – 10:50

Epigenetic Field for Cancer Risk Diagnosis

Toshikazu Ushijima (Hoshi University, Japan)

10:50 – 11:05 **Break**

Selected Oral Presentation Session

Chairperson: Naoko Hattori

OP-1 11:05– 11:16

Dual Epigenetic intervention to enhance the MHC-I-dependent immune response against solid tumors

Alaa Ahmad (Hokkaido University, Japan)

OP-2 11:16– 11:27

Identification of CD44v6 as a marker for precancerous lesions in pancreatic cancer

Miho Sekai (Kyoto University, Japan)

OP-3 11:27– 11:38

Stiffness of extracellular matrix regulates growth of cancer cells via ATF5 activation

Seiichiro Ishihara (Hokkaido University, Japan)

OP-4 11:38– 11:49

Analysis of Astrocyte–Glioblastoma Stem Cell Interactions via Extracellular Vesicles Using Hydrogels

Yusuke Shirai (Hokkaido University, Japan)

11:49 – 12:10 **Break**

Luncheon Seminar 2

sponsored by CyberomiX Inc.

Chairperson: Akira Watanabe

LS2 12:10 – 12:55

Transgenerational Inheritance of Epigenetic Memory in Mammals**Yuta Takahashi** (Kumamoto University, Japan)

12:55 – 13:10

Break**Session 6: Current Status and Future Perspectives in Hematologic Malignancies**

Chairperson: Koji Taniguchi

S6-1 13:10 – 13:35

Editing the epigenome: multi-omics driven drug discovery & first-in-class therapy targeting histone methylation**Makoto Yamagishi** (The University of Tokyo, Japan)

S6-2 13:35 – 14:00

Toward a Cure for Chronic Myeloid Leukemia: Unraveling the Immune Microenvironment and Eradicating Leukemic Stem Cells**Shinya Kimura** (Saga University, Japan)

14:00 – 14:05

Closing Remarks**Wei-Guo Zhu**