

International Symposium

on Tumor Biology in Kanazawa 2019

 **Duke-NUS Medical School, Singapore(Duke-NUS)**
 **Kanazawa University Cancer Research Institute(KU CRI)**

**Joint
Symposium**

◆ 9:00 – 9:10 – Opening Remarks Atsushi HIRAO Director, Cancer Research Institute, NanoLSI, Kanazawa University

SESSION 1 Chair: Takeshi SUZUKI, KU CRI, InFiniti

◆ 9:10 – 9:35 – Targeting mitochondrial enzymes of one- carbon metabolism for cancer treatment

Tatsunori NISHIMURA Cancer Research Institute, Kanazawa University

◆ 9:35 – 10:00 – RB1 inactivation induces a protumoral microenvironment

Chiaki TAKAHASHI Cancer Research Institute, InFiniti, Kanazawa University

◆ 10:00 – 10:30 – Genomic and Epigenomic Alterations in Gastrointestinal Cancer : Opportunities for Precision Oncology

Patrick TAN Duke-NUS Medical School, Singapore

◆ 10:30 – 10:40 – Coffee Break

SESSION 2 Chair: Naofumi MUKAIDA, KU CRI

◆ 10:40 – 11:05 – Regulation of hematopoietic stem cell fate by gut microbiota-derived metabolites

Yuko TADOKORO Cancer Research Institute, NanoLSI, Kanazawa University

◆ 11:05 – 11:30 – Macrocyclic peptide targeting growth factor and the receptor

Kunio MATSUMOTO Cancer Research Institute, NanoLSI, InFiniti, Kanazawa University

◆ 11:30 – 12:00 – The potential role of multi-drug resistance protein ABCB1 for tumor suppression in bats.

Koji ITAHANA Duke-NUS Medical School, Singapore

◆ 12:00 – 13:00 – Lunch

◆ 13:00 – 13:50 –

SPECIAL LECTURE Chair: Masanobu OSHIMA, KU CRI, NanoLSI

Drugging the Wnt pathway – Where it helps, where it hurts, and what it teaches us.

David VIRSHUP Duke-NUS Medical School, Singapore

◆ 13:50 – 14:00 – Coffee Break

SESSION 3 Chair: Toshinari MINAMOTO, KU CRI

◆ 14:00 – 14:25 – Protective role of JLP-dependent lysosome positioning in reactive oxygen species (ROS)- induced cell death

I Ketut GUNARTA Cancer Research Institute, Kanazawa University

◆ 14:25 – 14:50 – Circumvention of targeted drug tolerance in lung cancer

Seiji YANO Cancer Research Institute, NanoLSI, Kanazawa University

◆ 14:50 – 15:20 – The polycomb repressive complex drives epigenetic convergence in blast crisis chronic myeloid leukemia

S. Tiong ONG Duke-NUS Medical School, Singapore

◆ 15:20 – 15:35 – Coffee Break

SESSION 4 Chair: Eishu HIRATA, KU CRI, NanoLSI

◆ 15:35 – 16:00 – CRISPR-Cas9-mediated gene knockout in intestinal tumor organoids provides functional validation for colorectal cancer driver genes.

Haruna TAKEDA National Cancer Center Japan, Research Institute

◆ 16:00 – 16:25 – The mechanism and physiological significance of programmed cell death initiated by caspase-1

Kohsuke TSUCHIYA Cancer Research Institute, InFiniti, Kanazawa University

◆ 16:25 – 16:35 – External Panel Review

◆ 16:35 – 16:45 – Closing Remarks Chisato MUKAI Vice President, Kanazawa University

◆ 16:45 – 16:50 – Photograph

**29
October
2019**

**Venue
Memorial Hall,
School of Medicine,
Kanazawa
University**

Organizers Kanazawa University Cancer Research Institute
Kanazawa Association of Tumor Biologists

Co-Organizers

• 金沢大学ナノ生命科学研究所 (NanoLSI)
• 金沢大学新学術創成研究機構 (InFiniti)
• 金沢大学法人主導型研究課題「AIと数理生物学」
• 文部科学省「がん専門医療人材」養成プラン - 北信がんプロ-

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