

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

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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KANAZAWA
UNIVERSITY

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Venue
Memorial Hall,
School of Medicine,
Kanazawa
University