International Symposium
on Tumor Biology in Kanazawa 2019

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

Joint Symposium

Session 1
Chair: Takeshi SUZUKI, KU CRI, InFiniti

1. Opening Remarks: Atsushi HIRAO, Director, Cancer Research Institute, NanoLSI, Kanazawa University
2. Targeting mitochondrial enzymes of one-carbon metabolism for cancer treatment
   Tatsunori NISHIMURA, Cancer Research Institute, Kanazawa University
3. RB1 inactivation induces a protumoral microenvironment
   Chiaki TAKAHASHI, Cancer Research Institute, InFiniti, Kanazawa University
4. Genomic and Epigenomic Alterations in Gastrointestinal Cancer: Opportunities for Precision Oncology
   Patrick TAN, Duke-NUS Medical School, Singapore
5. Coffee Break

Session 2
Chair: Naofumi MUKAIDA, KU CRI

1. Regulation of hematopoietic stem cell fate by gut microbiota-derived metabolites
   Yuko TADOKORO, Cancer Research Institute, NanoLSI, Kanazawa University
2. Macrocyclic peptide targeting growth factor and the receptor
   Kunio MATSUMOTO, Cancer Research Institute, NanoLSI, InFiniti, Kanazawa University
3. The potential role of multi-drug resistance protein ABCB1 for tumor suppression in bats.
   Koji ITAHANA, Duke-NUS Medical School, Singapore
4. Lunch
5. Coffee Break

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

Session 3
Chair: Toshinari MINAMOTO, KU CRI

1. Protective role of JLP-dependent lysosome positioning in reactive oxygen species (ROS)-induced cell death
   I Ketut GUNARTA, Cancer Research Institute, Kanazawa University
2. Circumvention of targeted drug tolerance in lung cancer
   Seiji YANO, Cancer Research Institute, NanoLSI, Kanazawa University
3. The polycomb repressive complex drives epigenetic convergence in blast crisis chronic myeloid leukemia
   S. Tingong ONG, Duke-NUS Medical School, Singapore
4. Coffee Break

Session 4
Chair: Eishu HIRATA, KU CRI, NanoLSI

1. 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
2. The mechanism and physiological significance of programmed cell death initiated by caspase-1
   Kohsuke TSUCHIYA, Cancer Research Institute, InFiniti, Kanazawa University
3. External Panel Review
4. Closing Remarks: Chisato MUKAI, Vice President, Kanazawa University
5. Coffee Break

Organizers
Kanazawa University Cancer Research Institute
Kanazawa Association of Tumor Biologists

Co-Organizers
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InFiniti, Kanazawa University

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