International Symposium
on Tumor Biology in Kanazawa 2019

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

Session 1
Chair: Takeshi SUZUKI, KU CRI, InFiniti

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

- 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
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

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