

Kumamoto University Advance Research Project A
熊本大学拠点形成 A

**“International Research Center for
Cancer and Metabolism”**

International Symposium

Date: **February 11, 2017** Place: General Medical Research Building 3F (総研 3 F)

Time	Presenters
8:50-9:00	Opening remarks Prof. Hideo Baba , Kumamoto Univ.
9:00-9:15	Dr. Masataka Nakagawa , Kumamoto Univ., Japan “Multiparametric MRI and 18F-FDG PET in uterine sarcoma and benign leiomyoma”
9:15-9:30	Dr. Yuki Oya , Kumamoto Univ., Japan “Liver transplantation for hepatic malignancy in children”
9:30-9:45	Dr. Munekage Yamaguchi , Kumamoto Univ., Japan “Cabergoline on hyperprolactinemic patients with endometrial cancer”
9:45-10:00	Dr. Shigeki Nakagawa , Kumamoto Univ., Japan “Molecular HCC prediction and chemoprevention”
10:00-10:15	Dr. Takatsugu Ishimoto , Kumamoto Univ., Japan “RHBDF2 in stromal fibroblasts mediates TGF- β signaling and enhances gastric cancer cell invasion via intercellular cross-talk”
10:15-10:30	Dr. Yoshihiro Komohara , Kumamoto Univ., Japan “The development of macrophage conversion therapy for malignant tumors”
10:30-10:45	Dr. Hirotake Tsukamoto , Kumamoto Univ., Japan “IL-6/sIL-6R exacerbates tumor progression through diminishing the CD4+ T cell-mediated anti-tumor immune responses”
10:45-11:00	Coffee break
11:00-11:40	Prof. Hideshi Ishii , Osaka Univ., Japan “Metabolic control of slow-cycling cancer stem cells”
11:40- 12:25	Prof. Yoshihide Hayashizaki , RIKEN, Japan “The recent progress of FANTOM omics, and its application to healthcare by characterizing cancer cells”
12:25-13:30	Lunch and Poster presentation
13:30-14:15	Prof. Jaffer A, Ajani , MD Anderson Cancer Center, USA “Aspects of GI cancer and immune system metabolism: potential opportunities”
14:15-14:45	Prof. Xiaodong Tan , China Medical University, China “Analysis of the mechanism of invasion-metastasis in pancreatic cancer”
14:45-15:25	Prof. Michihiko Kuwano , Kyusyu Univ., Japan “The Y-box binding protein-1 (YB-1) and drug resistance –Learning from antiestrogens-resistance in breast cancer”
15:25-15:40	Coffee break
15:40-16:20	Prof. Hozumi Motohashi , Tohoku Univ., Japan “KEAP1-NRF2 system in stress response and cancer malignancy”
16:20-16:50	Dr. Masahiro Inoue , Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan “Characteristics of cancer cells revealed by a method of primary culture spheroids”
16:50-17:20	Dr. Hiroshi Kondo , Kyoto Univ., Japan “Glycolysis in senescence and metabolites in ageing.”
17:20-17:25	Closing remarks Prof. Yuichi Oike , Kumamoto Univ.

There will be a small party after the seminar at Hotel Nikko Kumamoto.

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Department of Gastroenterological Surgery,
Graduate School of Medical Science, Kumamoto University

12:25-13:30 Poster presentation

		Presenter	Title
1	Dept. of Molecular Genetics	Tsuyoshi Kadomatsu	Role of angiopoietin-like protein 2 as a senescence-associated secretory phenotype (SASP) factor in hematopoietic stem cell maintenance
2	Dept. of Breast and Endocrine Surgery	Takashi Takeshita	Sensitive detection of ESR1 ligand-binding domain mutations in primary, recurrent metastatic breast cancer patients
3	Dept. of Urology	Takanobu Motoshima	PD-L1 expression in papillary renal cell carcinoma
4	Dept. of Cell Pathology	Fujiwara Yukio	Inhibitory effect on lymphoma cell proliferation by regulating cholesterol metabolism pathway.
5	Dept. of Cell Pathology	Ohnishi Koji	Investigation of new serum biomarkers released by lymph node macrophages for assessment of anti-tumor immunity in patients with colorectal cancer.
6	Dept. of Cell Pathology	Horlad Hasita	PD-L1/2 expressions in tumor associated macrophages are dependent on IL-27/Stat3 signal.
7	Dept. of Cell Pathology	Iriki Toyohisa	The significance of tumor-associated macrophages in small cell lung cancer (SCLC).
8	Dept. of Medical Cell Biology	Kensaku Kourogi	The role of LSD1 (lysine-specific demethylase 1) in leukemia cell metabolism
9	Dept. of Immunogenetics	Hirotake Tsukamoto	IL-6/sIL-6R exacerbates tumor progression through diminishing the CD4+ T cell-mediated anti-tumor immune responses
10	Dept. of Immunogenetics	Miki Tsuruta	Development of cancer immunotherapy using tumor-associated antigen-derived long peptides activating both CTL and Th1 cells
11	Dept. of Medical Biochemistry	Yoshifumi Sato	The role of Bhlhe40, a hypoxia-inducible gene in cancer metabolism
12	Dept. of Gastroenterological Surgery	Kota Arima	Prostaglandin E2 accumulation enhances the expansion of ALDH1-positive tumor cells and Kras-driven tumorigenesis in pancreas
13	Dept. of Gastroenterological Surgery	Daisuke Kuroda	SERPINE2 promotes peritoneal metastasis in gastric carcinoma through higher cancer cell motility
14	Dept. of Gastroenterological Surgery	Mayuko Ouchi	Prognostic significance of visceral obesity and leptin-mediated inflammation in female patients with colorectal cancer
15	Dept. of Gastroenterological Surgery	Tsugio Etoh	Functional role of RNF43 expression in colorectal cancer
16	Dept. of Gastroenterological Surgery	Kosuke Mima	The gut microbiota and surgical outcomes in colorectal cancer
17	Dept. of Gastroenterological Surgery	Tatsunori Miyata	DNA Methylation in Primary Liver Cancer
18	Dept. of Gastroenterological Surgery	Kenichi Nakamura	UHRF1 regulates global DNA hypomethylation and is associated with poor prognosis in esophageal squamous cell carcinoma
19	Dept. of Gastroenterological Surgery	Keisuke Miyake	Isocitrate dehydrogenase (IDH) mutations and 2-hydroxyglutaric acid accumulation in esophageal squamous cell carcinoma
20	Dept. of Gastroenterological Surgery	Yuki Kitano	Nrf2 promotes esophageal cancer cell proliferation via metabolic reprogramming and ROS detoxification
21	Dept. of Gastroenterological Surgery	Takayoshi Kaida	Analysis of the cancer invasive mechanism through C5aR-overexpression stroma cell in microenvironment of hepatocellular carcinoma
22	Dept. of Gastroenterological Surgery	Rebecca Kalikawe	Association between LOX expression, LINE-1 DNA methylation and prognosis in esophageal cancer
23	Dept. of Gastroenterological Surgery	Gao Feng	Clinical Significance of LOX and LOX-L2 Derived from Cancer Associated Fibroblasts (CAFs) in Pancreatic Cancer