

Time Table

Monday, January 12

8	8:15 - Registration (International Congress Center EPOCHAL TSUKUBA) Poster mounting
8	Opening Remarks 8:50 - 8:55 Mitsuyasu Kato (University of Tsukuba, Japan)
9	Session 1. Short talks (selected from poster abstracts) Chair: Shinae Kondoh (Tokyo Institute of Technology, Japan) 9:00 - 9:20 Yutaro Tsubakihara (Ehime University, Japan) Arkadia induces ubiquitylation and degradation of Smad6 9:20 - 9:40 Kyung-Min Yang (CHA University, Korea) Cytoplasmic DRAK1 overexpressed in HNSCC cells inhibits TGF- β 1 tumor suppressor activity 9:40 - 10:00 Takahiro Kuchimaru (Tokyo Institute of Technology, Japan) Non-invasive imaging of activation of HIF and TGF- β /Smad signaling in breast cancer progression 10:00 - 10:20 Ai Takemoto (Cancer Chemotherapy Center, JFCR, Japan) Aggrus-induced platelet aggregation promotes tumor metastasis by enhancing EMT 10:20 - 10:40 Masamitsu Konno (Osaka University, Japan) Embryonic MicroRNA-369 regulates pyruvate kinase splicing form by stabilizing translation of splicing
10	10:40 - 11:40 Poster Viewing 1 / Coffee Break
11	11:40 - 13:00 Lunch
12	Session 2. TGF-β signaling Chair: Keiji Miyazawa (University of Yamanashi, Japan) 13:00 - 13:30 Carl-Henrik Heldin (Uppsala University, Sweden) Mechanism of TGF β -induced epithelial-mesenchymal transition 13:30 - 14:00 Aristidis Moustakas (Uppsala University, Sweden) Regulation of BMP signaling during cell differentiation in human cancer 14:00 - 14:30 Mitsuyasu Kato (University of Tsukuba, Japan) Roles of MafK and Gpnmb in malignant progression of breast cancer
14	Special Lecture 1 Chair: Carl-Henrik Heldin (Uppsala University, Sweden) 14:30 - 15:10 Seong-Jin Kim (CHA University of Medicine and Science, Korea) Effects of Smad3 linker and C-tail phosphorylation on tumorigenesis and metastasis
15	15:10 - 16:10 Poster Viewing 2 / Coffee Break
16	Session 3. Cancer and metabolism-1 Chair: Takeshi Imamura (Ehime University, Japan) 16:10 - 16:40 Eiji Hara (Japanese Foundation for Cancer Research, Japan) Cellular senescence and cancer: a gut microbial connection 16:40-17:10 Hiroyuki Suzuki (University of Tsukuba, Japan) Roles of THG-1/Tsc22D4 in squamous cell carcinoma development
17	Special Lecture 2 Chair: Mitsuyasu Kato (University of Tsukuba, Japan) 17:10 - 17:50 Hiroaki Suga (The University of Tokyo, Japan) Non-traditional drug discovery using artificial macrocycles for cancer therapeutics Special Remarks 17:50 – 18:00 Kohei Miyazono (The University of Tokyo, Japan)
18	18:00 - 18:10 Group Photo
18	18:20 - 20:30 Banquet (International Congress Center EPOCHAL TSUKUBA) Greetings from the President of University of Tsukuba : Kyosuke Nagata (University of Tsukuba, Japan)
19	Poster Award
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Tuesday, January 13

8	8:30 - Registration (International Congress Center EPOCHAL TSUKUBA)
8	Session 3. Cancer and metabolism-2 Chair: Takeshi Imamura (Ehime University, Japan) 08:40 - 09:10 Hozumi Motohashi (Tohoku University, Japan) Functional Nexus between Keap1-Nrf2 System and Cellular Metabolism
9	Session 4. Hematology and Immunology Chair: Susumu Itoh (Showa Pharmaceutical University, Japan) 9:10 - 9:40 Shigeru Chiba (University of Tsukuba, Japan) Clonal origin of microenvironmental cells in malignant lymphoma 9:40 - 10:10 Beate Heissig (The University of Tokyo, Japan) The fibrinolytic system modulates the cytokine and cellular environment during cancer progression and chronic inflammation 10:10 - 10:40 Mizuko Mamura (Tokyo Medical University, Japan, Kyungpook National University, Korea) Dynamic Smad signaling networks in immune cell regulation
10	10:40 - 11:00 Coffee Break
11	Session 5. Genome-wide approach Chair: Hiroyuki Aburatani (The University of Tokyo, Japan) 11:00 - 11:30 Hiroyuki Aburatani (The University of Tokyo, Japan) Coordinated chromatin regulation by developmental signals during cardiomyocyte differentiation 11:30 -12:00 Daizo Koinuma (The University of Tokyo, Japan) Identification of Smad regulatory factors through integrated analysis of ChIP-seq data 12:00 - 12:30 Masafumi Muratani (University of Tsukuba, Japan) Ectopic induction of developmental gene regulatory network by cryptic promoters in gastric cancer
12	12:30 - 13:30 Lunch
13	Session 6. Angiogenesis Chair: Yasufumi Sato (Tohoku University, Japan) 13:30 - 14:00 Marie-José Goumans (Leiden University, the Netherlands) Impaired macrophage polarization in endoglin haplo-insufficiency leading to defective tissue repair 14:00 - 14:30 Tetsuro Watabe (Tokyo University of Pharmacy and Life Sciences, Japan) Roles of signal networks during the formation and maintenance of tumor vasculature 14:30 - 15:00 Nobuyuki Takakura (Osaka University, Japan) Maintenance of the stemness in cancer stem cells requires CD44 expressed by tumor stromal cells via tissue hypoxia
15	Special Lecture 3 Chair: Kohei Miyazono (The University of Tokyo, Japan) 15:00 - 15:40 Gou-Young Koh (KAIST, Korea) Targeting tumor vasculatures 15:40 - 16:00 Coffee Break / Poster unmounting
16	Session 7. Cancer therapy Chair: Naoya Fujita (Japanese Foundation for Cancer Research, Japan) 16:00 – 16:30 Seiji Yano (Kanazawa University, Japan) Bone microenvironment confers Hsp90 inhibitor resistance in the metastatic small cell lung cancer 16:30 - 17:00 Hiroyuki Mano (The University of Tokyo, Japan) Targeting essential growth drivers in human cancer 17:00 – 17:30 Yoshihiro Kawasaki, Tetsu Akiyama (The University of Tokyo, Japan) MYU, a novel target lncRNA for Wnt/c-Myc signaling, mediates CDK6 induction to promote cell cycle progression
17	Closing Remarks 17:30 - 17:40 Carl-Henrik Heldin (Uppsala University, Sweden)