

Poster Session

TGF- β family and cancer

- 01 Kyung-Min Yang (CHA University, Seoul, Korea)
Cytoplasmic DRAK1 overexpressed in HNSCC cells inhibits TGF- β 1 tumor suppressor activity
- 02 Kazuhito Naka (Kanazawa University)
Oral TGF- β signaling inhibitor eradicates CML stem cells
- 03 Takahiro Kuchimaru (Tokyo Institute of Technology)
Non-invasive imaging of activation of HIF and TGF- β /Smad signaling in breast cancer progression
- 04 Koji Miyabayashi (The University of Tokyo)
A role of BMP signaling in pancreatic cancer
- 05 Fumihiko Murai (The University of Tokyo)
Functional analysis of transforming growth factor (TGF)- β signal in small cell lung cancer
- 06 Yuichiro Yokoyama (The University of Tokyo)
Autocrine BMP-4 protects colorectal cancer cells from apoptosis through down-regulation of Bim
- 07 Shingo Maeda (Kagoshima University)
BMP-induced PEG10 regulates level of metalloproteinases and invasion of chondrosarcoma cells
- 08 Erna Raja (The University of Tokyo)
BMP receptor ALK2-PTCH1-DLX2 axis inhibits glioblastoma
- 09 Tsubasa Sakurai (The University of Tokyo)
RBM47 inhibits Nrf2 activity to suppress tumour growth in lung adenocarcinoma
- 10 Jun Nishida (The University of Tokyo)
Functional analysis of TGF- β and renal cancer-initiating cells
- 11 Ryo Tanabe (The University of Tokyo)
Identification of genes involved in BMP-Induced differentiation of glioma-initiating cells
- 12 Luna Taguchi (The University of Tokyo)
Roles of TGF- β signal in renal cancer cells
- 13 Kazunobu Isogaya (The University of Tokyo)
Regulatory mechanism of Smad3 target genes expression by FoxA1/2 in lung adenocarcinoma cell lines
- 14 Kazuki Yoneyama (Tokyo University of Pharmacy and Life Science)
Tumor necrosis factor- α enhances TGF- β -induced endothelial-mesenchymal transition
- 15 Yukihide Watanabe (University of Tsukuba)
TMEPAI cross regulation with multiple signaling pathways during tumorigenesis
- 16 Chiaki Furuta (Tokyo University of Pharmacy and Life Science)
Hypoxic conditions potentiates TGF- β signaling in Lewis lung carcinoma cells

TGF- β family signaling

- 17 (Anna Maria) Anita Morén (Uppsala branch TS group)
Complex formation and ubiquitination of Smad2 and HECT-WW domain E3-ligases
- 18 Nobuo Sakata (Showa Pharmaceutical University)
Transcriptional repression mechanisms of TGF- β signaling and ATBF1 on the AFP promoter

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- 19 Mitsuyoshi Motizuki (University of Yamanashi)
Determination of functional domains in Smad3 by using synthetic peptide blockers
- 20 Zhaojun Xu (University of Yamanashi)
Transcriptional activation via the Smad-binding elements
- 21 Masao Saitoh (University of Yamanashi)
Roles of Stat3 in Snail induction by the synergism between Ras and TGF- β
- 22 Keiichi Hirono (University of Toyama)
The role of BMP10 during differentiating cardiomyocyte from iPSCs
- 23 Akihiro Katsura (The University of Tokyo)
The role of TGF- β signaling in extracellular miRNA secretion and cell-to-cell communication
- 24 Ji-Won Lee (Ehime University)
Super-resolution analysis of cell cycle phase-dependent phosphorylation of Smads
- 25 Tadayoshi Hayata (University of Tsukuba)
Dullard/Ctdnep1 is a Smad1-interacting protein to suppress BMP signaling
- 26 Yutaro Tsubakihara (Ehime university)
Arkadia induces ubiquitylation and degradation of Smad6
- 27 Shin yamamoto (Ehime University)
Analysis of the role of Smurf 1/2 in osteoblast differentiation
- 28 Mayu Arase (The University of Tokyo)
FAIRE-seq analysis of TGF- β -induced EMT in mouse mammary gland epithelial cells

Cancer biology (angiogenesis /lymphangiogenesis)

- 29 Tomohisa Sakaue (Ehime university, PROS)
BTB proteins as an adaptor for Cul3-based ubiquitin ligases multiply regulate angiogenesis
- 30 Yasuhiro Yoshimatsu (Tokyo University of Pharmacy and Life Sciences)
Prox1 controls platelet-derived growth factor signals during tumor lymphangiogenesis
- 31 Ling Zheng (University of Tsukuba)
Molecular function of THG-1/Tsc22D4 in tumor angiogenesis
- 32 Fumiko Itoh (Tokyo University of Pharmacy and Life Sciences)
TGF- β regulates lymphangiogenesis
- 33 Erika Abe (Tokyo University of Pharmacy and Life Science)
TC-1 is a novel Smad binding protein in lymphangiogenesis

Cancer biology (podoplanin/aggrus CLEC)

- 34 Caname Iwata (The University of Tokyo)
Podoplanin/aggrus maintains vascular integrity in the brain
- 35 Shogo Tamura (University of Yamanashi)
A novel function of CLEC-2 for megakaryopoiesis: CLEC-2/PDPN niche promotes megakaryocyte expansion
- 36 Ai Takemoto (Japanese Foundation for Cancer Research)
Aggrus-induced platelet aggregation promotes tumor metastasis by enhancing EMT
- 37 Toshiaki Shirai (University of Yamanashi)
CLEC-2 facilitates hematogenous tumor metastasis, but not tumor growth or lymphogenous metastasis

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- 38 Nagaharu Tsukiji (University of Yamanashi)
Unexpected role of platelets in lung development depending on a platelet activation receptor, CLEC-2

Cancer biology (EMT)

- 39 Tomokazu Kimura (University of Tsukuba)
GPNMB impacts on invasive properties of bladder cancer
- 40 Sinh Duy Nguyen (University of Yamanashi)
Role of ets1 and ZEB1/SIP1 in EMT of basal-like subtype breast cancer
- 41 Zhihong Chen (University of Yamanashi)
Biochemical activities of truncated ESRP1 mutants
- 42 Yukari Okita (University of Tsukuba)
GpnmB generates epithelial-mesenchymal transition and tumorigenesis in breast cancer cells

Cancer biology (tumor microenvironment)

- 43 Hiroshi Seno (Kyoto University Graduate School of Medicine)
The role of Nardilysin in intestinal tumorigenesis
- 44 Kei Takahashi (The University of Tokyo)
Analysis of pancreatic microenvironment with an orthotopic model and in vivo bioluminescence imaging
- 45 Douaa Dhahri (University of Tokyo, The Institute of Medical Science)
Mesenchymal Stem Cells expansion by the fibrinolytic system: implications in cancer microenvironment
- 46 Naohiro Nishida (Osaka University Graduate School of Medicine)
Hypoxia induced long non-coding RNAs are involved in cancer progression
- 47 Eisaku Kondo (Niigata University Graduate School of Medical and Dental Sciences)
MSC in pancreatic tumor microenvironment and development of MSC-targeting CPP
- 48 Satoshi Muraoka (Hiroshima University)
Biological activity of senescence associated exosomes in tumor microenvironment

Cancer biology (therapy)

- 49 Yu Okubo (Tokyo University of Pharmacy and Life Sciences)
Exploration of cancer-targeting antibodies using an HSV-based screening system
- 50 Hiroaki Uchida (Tokyo University of Pharmacy and Life Sciences)
Augmentation of oncolytic potential of a fully retargeted HSV by introduction of syncytial mutations
- 51 Ryota Takahashi (The University of Tokyo)
Soluble VCAM-1 predicts efficacy of gemcitabine treatment in pancreatic cancer
- 52 Makoto Hayashi (Kobe University)
ALDH1 contributes to acquisition of resistance to paclitaxel in gastric cancer cells
- 53 Takuma Suzuki (Tokyo University of Pharmacy and Life Sciences)
Development of highly specific cancer-retargeted HSV by modification of multiple glycoproteins
- 54 Takeshi Fukuhara (Tokyo University of Pharmacy and Life Sciences)
IL13Ra2, therapeutic target of melanoma, identified by unique antibody screening technology

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- 55 Mao Komai (The University of Tokyo)
Identification of Interleukin 13 Receptor alpha 2 (IL13Ra2) as a novel marker of human melanoma
- 56 Hayato Okamoto (Tokyo University of Pharmacy and Life Science)
Interleukin 13 receptor alpha 2 expression increases the growth of human melanoma xenograft in mice
- 57 Jun Koseki (Osaka University)
Computational analysis predicts imbalanced IDH1/2 expression associate with 2-HG-inactivating β -oxygenation enzyme
- 58 Yuta Matsuura (Tokyo University of Pharmacy and Life Science)
Development of Anti-EpCAM ScFv toxin for cancer therapeutics

Cancer biology (miscellaneous)

- 59 Akira Suzuki (Kyushu Univ)
Function of MOB1A/1B in murine liver
- 60 Masamitsu Konno (Osaka University)
Embryonic MicroRNA-369 regulates pyruvate kinase splicing form by stabilizing translation of splicing
- 61 Akiyoshi Komuro (The University of Tokyo)
Identification of a novel fusion gene, HMGA2-EGFR in glioblastoma
- 62 Koichi Kawamoto (Osaka University Graduate School of Medicine)
Murine insulinoma cell-conditioned medium with BETA2/NeuroD1 transduction efficiently induces the differentiation into pancreatic β cells
- 63 Phu Thien Truong (University of Tsukuba)
Age-dependent decrease of DNA hydroxymethylation in human T cells
- 64 Tran Bich Nguyen (University of Tsukuba)
Identification of cell-type-specific mutations in angioimmunoblastic T-cell lymphoma
- 65 Rie Nakamoto-Matsubara (University of Tsukuba)
Detection of the G17V RHOA mutation in angioimmunoblastic T-cell lymphoma using quantitative allele-specific polymerase chain reaction