

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の 編集者名	書籍名	出版社名	出版地	出版年	ページ

雑誌（本研究費に謝辞のあるもの）

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Yoda Y, <u>Ushijima T</u> , et al.	Integrated analysis of cancer-related pathways affected by genetic and epigenetic alterations in gastric cancer.	Gastric Cancer			online
Okochi-Takada E, <u>Ushijima T</u> , et al.	ANGPTL4 is a secreted tumor-suppressor that inhibits angiogenesis.	Oncogene			online
Takahashi T, <u>Ushijima T</u> , et al.	Estimation of the fraction of cancer cells in a tumor DNA sample using DNA methylation.	PLoS One	8	e82302	2013
Shigematsu Y, <u>Ushijima T</u> , et al.	Interleukin-1b induced by <i>Helicobacter pylori</i> infection enhances mouse gastric carcinogenesis.	Cancer Lett	340	141-147	2013
Zhu Y, <u>Ushijima T</u> , et al.	Dependence receptor UNC5D mediates nerve growth factor depletion-induced neuroblastoma regression.	J Clin Invest	123	2935-2947	2013
Asada K, <u>Ushijima T</u> , et al.	Clinical application of the CpG island methylator phenotype to prognostic diagnosis in neuroblastomas.	J Hum Genet	58	428-433	2013
Hattori N, <u>Ushijima T</u> , et al.	Visualization of multivalent histone modification in a single cell reveals highly concerted epigenetic changes on differentiation of embryonic stem cells.	Nucleic Acids Res	41	7231-7239	2013
Asada K, <u>Ushijima T</u> , et al.	Stronger prognostic power of the CpG island methylator phenotype than methylation of individual genes in neuroblastomas.	Jpn J Clin Oncol	43	641-645	2013
Asada K, <u>Ushijima T</u> , et al.	<i>FHL1</i> on chromosome X is a single-hit gastrointestinal tumor-suppressor gene and contributes to the formation of an epigenetic field defect.	Oncogene	32	2140-2149	2013
Kim JG, <u>Ushijima T</u> , et al.	Comprehensive DNA methylation and extensive mutation analyses reveal an association between the CpG island methylator phenotype and oncogenic mutations in gastric cancers.	Cancer Lett	330	33-40	2013
Niwa T, <u>Ushijima T</u> , et al.	Prevention of <i>Helicobacter pylori</i> -induced gastric cancers in gerbils by a DNA demethylating agent.	Cancer Prev Res	6	263-270	2013
Sato T, <u>Kanai Y</u> , et al.	Epigenetic clustering of lung adenocarcinomas based on DNA methylation profiles in adjacent lung tissue: its correlation with smoking history and chronic obstructive pulmonary disease.	Int J Cancer			in press

<u>Kanai Y</u> and Arai E.	Multilayer-omics analyses of human cancers: exploration of biomarkers and drug targets based on the activities of the International Human Epigenome Consortium.	Front Genet	5	24	2014
Sato T, <u>Kanai Y</u> , et al.	DNA methylation profiles at precancerous stages associated with recurrence of lung adenocarcinoma.	PLoS One	8	e59444	2013
Suzuki R, <u>Suzuki H</u> , et al.	Aberrant methylation of microRNA-34b/c is a predictive marker of metachronous gastric cancer risk.	J Gastroenterol			online
Sawada T, <u>Suzuki H</u> , et al.	Association between genomic alterations and metastatic behavior of colorectal cancer identified by array-based comparative genomic hybridization.	Genes Chromosomes Cancer	52	140-149	2013
Shimizu T, <u>Suzuki H</u> , et al.	Methylation of a panel of microRNA genes is a novel biomarker for detection of bladder cancer.	Eur Urol	63	1091-1100	2013
<u>Suzuki H</u> , et al.	Epigenetic alteration and microRNA dysregulation in cancer.	Front Genet	4	258	2013
Ohnishi K, Semi K, <u>Yamada Y</u> , et al.	□Premature termination of reprogramming in vivo leads to cancer development through altered epigenetic regulation.	Cell	156	663-677	2014
Hirata A, <u>Ushijima T</u> , <u>Yamada Y</u> , et al.	Dose-dependent roles for canonical Wnt signaling in <i>de novo</i> crypt formation and cell cycle properties of the colonic epithelium.	Development	140	66-75	2013
Yamada K, <u>Yamada Y</u> , et al.	<i>EWS/ATF1</i> expression induces sarcomas from neural crest-derived cells in mice.	J Clin Invest	123	600-610	2013
Yamada M, <u>Ushijima T</u> , et al.	Hereditary diffuse gastric cancer in a Japanese family with a large deletion involving <i>CDH1</i> .	Gastric Cancer			online
Imaoka T, <u>Ushijima T</u> , et al.	Molecular characterization of cancer reveals interactions between ionizing radiation and chemicals on rat mammary carcinogenesis.	Int J Cancer	134	1529-1538	2014
Yoshida T, <u>Ushijima T</u> , et al.	Cancer development based on chronic active gastritis and resulting gastric atrophy as assessed by serum levels of pepsinogen and <i>Helicobacter pylori</i> antibody titer.	Int J Cancer	134	1445-1457	2014
Suzuki T, <u>Ushijima T</u> , et al.	Genome-wide analysis of DNA methylation changes induced by gestational arsenic exposure in liver tumors.	Cancer Sci	104	1575-1585	2013
Ito Y, <u>Ushijima T</u> , et al.	EGFR L2 domain mutation is not correlated with resistance to cetuximab in metastatic colorectal cancer patients.	J Cancer Res Clin Oncol	139	1391-1396	2013
Yoshida T, <u>Ushijima T</u> , et al.	Altered mucosal DNA methylation in parallel with highly active <i>Helicobacter pylori</i> -related gastritis.	Gastric Cancer	16	488-497	2013
Imai S, <u>Ushijima T</u> , et al.	Epigenetic transcriptional activation of monocyte chemotactic protein 3 contributes to long-lasting neuropathic pain.	Brain	136	828-843	2013
Arai E, <u>Kanai Y</u> , et al.	Multilayer-omics analysis of renal cell carcinoma, including the whole exome, methylome and transcriptome.	Int J Cancer			online

Saito Y, <u>Kanai Y</u> , et al.	The tumor suppressor microRNA-29c is downregulated and restored by celecoxib in human gastric cancer cells.	Int J Cancer	132	1751-1760	2013
Nishikawa G, <u>Kanai Y</u> , et al.	Frequent GNAS mutations in low-grade appendiceal mucinous neoplasms.	Br J Cancer	108	951-958	2013
Chihara Y, <u>Kanai Y</u> , et al.	Diagnostic markers of urothelial cancer based on DNA methylation analysis.	BMC Cancer	13	275	2013
Matsubara A, <u>Kanai Y</u> , et al.	Prevalence of MED12 mutations in uterine and extrauterine smooth muscle tumors.	Histopathology	62	657-661	2013
Matsubara A, <u>Kanai Y</u> , et al.	Frequent GNAS and KRAS mutations in pyloric gland adenoma of the stomach and duodenum.	J Pathol	229	579-587	2013
Yamazaki H, <u>Kanai Y</u> , et al.	Stem cell self-renewal factors, Bmi1 and HMGA2 expressed in head and neck squamous cell carcinoma: Clues to the tumor characteristics for diagnosis.	Lab Invest	93	1331-1338	2013
Nakagawa T, <u>Kanai Y</u> , et al.	Prognostic risk stratification of patients with urothelial carcinoma of the bladder with recurrence after radical cystectomy.	J Urol	189	1275-1281	2013
Hara T, <u>Kanai Y</u> , et al.	Ability of preoperative 3.0-Tesla magnetic resonance imaging to predict the absence of side-specific extracapsular extension of prostate cancer.	Int J Urol	20	993-999	2013
Oguro S, <u>Kanai Y</u> , et al.	Pancreatic intraglandular metastasis predicts poorer outcome in postoperative patients with pancreatic ductal carcinoma.	Am J Surg Pathol	37	1030-1038	2013
Ino Y, <u>Kanai Y</u> , et al.	Arginase II expressed in cancer-associated fibroblasts indicates tissue hypoxia and predicts poor outcome in patients with pancreatic cancer.	PLoS One	8	e55146	2013
Ino Y, <u>Kanai Y</u> , et al.	Immune cell infiltration as an indicator of the immune microenvironment of pancreatic cancer.	Br J Cancer	108	914-923	2013
Tahara T, <u>Suzuki H</u> , et al.	Colorectal carcinomas with CpG island methylator phenotype 1 frequently contain mutations in chromatin regulators.	Gastroenterology	146	530-538	2014
Tahara T, <u>Suzuki H</u> , et al.	Fusobacterium in colonic flora and molecular features of colorectal carcinoma.	Cancer Res	74	1311-1318	2014
Nosho K, <u>Suzuki H</u> , et al.	Association of MicroRNA-31 with BRAF mutation, Colorectal-Cancer Survival and Serrated pathway.	Carcinogenesis	35	776-783	2014
Honda S, <u>Suzuki H</u> , et al.	Spontaneous rupture of an advanced pancreatoblastoma: aberrant RASSF1A methylation and CTNNB1 mutation as molecular genetic markers.	J Pediatr Surg	48	e29-32	2013
Morita R, <u>Suzuki H</u> , et al.	DNA methyltransferase 1 is essential for initiation of the colon cancers.	Exp Mol Pathol	94	322-329	2013
Ohashi T, <u>Suzuki H</u> , et al.	AKR1B10, a transcriptional target of p53, is Downregulated in Colorectal Cancers Associated with Poor Prognosis.	Mol Cancer Res	11	1554-1163	2013
Watanabe Y, <u>Itoh F</u> , et al.	Aberrant DNA methylation status of DNA repair genes in breast cancer treated with neoadjuvant chemotherapy.	Genes Cells	18	1120-1130	2013