

**Division
of
Translational and
Clinical Oncology**

Publications

1. Kamakura Y, Hasegawa M, Kida S, Tachibana O, Okamoto Y, Minamoto T, Yamashita J, Fujisawa H. c-kit gene mutation is common and widely distributed in intracranial germinomas. *J Neurosurg* 104 (3 Suppl Pediatrics): 173-180, 2006.
2. Maenaka S, Hikichi T, Imai-Akasofu M, Minamoto T, Kawahara E, Loss of imprinting in IGF2 in colorectal carcinoma assessed by microdissection. *Oncol Rep* 15 (4): 791-795, 2006.
3. Jiang PH, Motoo Y, Sawabu N, Minamoto T. Effect of gemcitabine on the expression of apoptosis-related genes in human pancreatic cancer cells. *World J Gastroenterol* 12 (10): 1597-1602, 2006.
4. Noubissi F, Elcheva I, Bhatia N, Shakoori A, Ougolkov A, Liu J, Minamoto T, Ross J, Fuchs SY, Spiegelman VS. CRD-BP mediates stabilization of β TrCP1 and c-myc mRNA in response to β -catenin signaling. *Nature* 441 (7095): 898-901, 2006.
5. Yamashita K, Ougolkov A, Nakazato H, Ito K, Ohashi Y, Kitakata H, Yasumoto K, Omote K, Mai M, Takahashi Y, Minamoto T. Adjuvant immunochemotherapy with protein-bound polysaccharide K for colon cancer in relation to oncogenic β -catenin activation. *Dis Colon Rectum* 50 (8): 1169-1181, 2007. Erratum in: *Dis Colon Rectum* 50 (8):1182-1187, 2007.
6. Mai W, Miyashita K, Shakoori A, Zhang B, Yu ZW, Takahashi Y, Motoo Y, Kawakami K, Minamoto T. Detection of active fraction of GSK3 β in cancer cells by nonradioisotopic *in vitro* kinase assay. *Oncology* 71 (3-4): 297-305, 2006 (published in July 23, 2007).
7. Shakoori A, Mai W, Miyashita K, Yasumoto K, Takahashi Y, Ooi A, Kawakami K, Minamoto T. *Inhibition* of GSK-3 β activity attenuates proliferation of human colon cancer cells in rodents. *Cancer Sci* 98 (9): 1388-1393, 2007.
8. Iacopetta B, Grieu F, Phillips M, Ruzskiewicz A, Moore J, Minamoto T, Kawakami K. Methylation levels of LINE-1 repeats and CpG island loci are inversely related in normal colonic mucosa. *Cancer Sci* 98 (9): 1454-1460, 2007.
9. Kawakami K, Ooyama A, Ruzskiewicz A, Jin M, Watanabe G, Moore J, Oka T, Iacopetta B, Minamoto T. Low expression of γ -glutamyl hydrolase mRNA in primary colorectal cancer with the CpG island methylator phenotype. *Br J Cancer* 98 (9):1555-1561, 2008.
10. Ohno S, Kinoshita T, Ohno Y, Minamoto T, Suzuki N, Inoue M, Suda T. Expression of NLRP7 (PYPAF3, NALP7) protein in endometrial cancer tissues. *Anticancer Res* 28 (4C): 2493-2497, 2008.
11. Iacopetta B, Kawakami K, Watanabe T. Predicting clinical outcome of 5-fluorouracil-based chemotherapy for colon cancer patients: is the CpG island methylator phenotype the 5-fluorouracil-responsive subgroup? *Int J Clin Oncol* 13 (6): 498-503, 2008.
12. Howlett M, Giraud AS, Lescesen H, Jackson CB, Kalantzis A, van Driel IR, Robb L, Van der Hoek M, Ernst M, Minamoto T, Boussioutas A, Oshima H, Oshima M, Judd LM. The IL-6

family cytokine IL-11 regulates homeostatic epithelial cell turnover and promotes gastric tumor development. *Gastroenterology*, in press [2008 Dec 3, Epub ahead of print].

13. Miyashita K, Kawakami K, Mai W, Shakoori A, Fujisawa H, Nakada M, Hayashi Y, Hamada J, Minamoto T. Potential therapeutic effect of glycogen synthase kinase 3 β inhibition against human glioblastoma. *Clin Cancer Res*, in press.

Other achievements

1. Minamoto T. Suppression of cancer and method for evaluating anticancer agent based on the effect of inhibiting GSK3 β . PCT/JP2006/300160, January 4, 2006.
2. Minamoto T. Suppression of cancer and method for evaluating anticancer agent based on the effect of inhibiting GSK3 β . International patent application in Japan, No. 2006-550915, June 21, 2007.
3. Minamoto T. Suppression of cancer and method for evaluating anticancer agent based on the effect of inhibiting GSK3 β . International patent application in the United States, No. 11/794, 716/, July 5, 2007.
4. Minamoto T. Suppression of cancer and method for evaluating anticancer agent based on the effect of inhibiting GSK3 β . International patent application in the Europe (United Kingdom, Germany, France), No. 06700524.9, July 25, 2007.
5. Kawakami K, Watanabe G, Minamoto T. Method for evaluating gene sequences of polymorphism site and loss of heterozygosity, and medication for a cancer made thereby. Domestic patent application in Japan, No. 2007-19068, January 30, 2007.
6. Kawakami K, Minamoto T. Therapeutic choice method and prognosis method of cancer patient. Domestic patent application in Japan, No. 2008-264695, October 11, 2008.