

2009年(平成21年)業績

英語論文

Seiichi Son, Takashi Kojima, Catherine Decaens, Hiroshi Yamaguchi, Tatsuya Ito, Masafumi Imamura, Masaki Murata, Satoshi Tanaka, Hideki Chiba, Koichi Hirata and Norimasa Sawada. Knockdown of tight junction protein claudin-2 prevents bile canaliculus formation in WIF-B9 cells. *Histochem Cell Biol*, 131: 411-424, 2009.

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Tatsuya Nagano, Masahiro Yasunaga, Koichi Goto, Hirotsugu Kenmotsu, Yoshikatsu Koga, Jun-ichiro Kuroda, Yoshihiro Nishimura, Takashi Sugino, Yutaka Nishiwaki, Yasuhiro Matsumura. Antitumor activity of NK012 combined with cisplatin against small cell lung cancer and intestinal mucosal changes in tumor-bearing mouse after treatment. *Clinical Cancer Research*. 2009 07; 15(13):4348-4355.

Naoki Ichikawa, Kazuhisa Iwabuchi, Hidetake Kurihara, Kumiko Ishii, Toshihide Kobayashi, Takako Sasaki, Nobutaka Hattori, Yoshikuni Mizuno, Kentaro Hozumi, Yoshihiko Yamada, Eri Arikawa-Hirasawa. Binding of laminin-1 to monosialoganglioside GM1 in lipid rafts is crucial for neurite outgrowth. *Journal of Cell Science*. 2009 01; 122(2): 289-299.

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T Minowa, K Kawano, H Kuribayashi, K Shiraishi, T Sugino, Y Hattori, M Yokoyama, Y Maitani. Increase in tumour permeability following TGF-beta type I receptor-inhibitor treatment observed by dynamic contrast-enhanced MRI. *The British Journal of Cancer*. 2009 12; 101(11): 1884-1890.

総説・著書

Takashi Kojima, Masaki Murata, Toshinobu Yamamoto, Mengdong Lan, Masafumi Imamura, Seiichi Son, Ken-ichi Takano, Hiroshi Yamaguchi, Tatsuya Ito, Satoshi Tanaka, Hideki Chiba, Koichi Hirata and Norimasa Sawada. Tight junction proteins and signal transduction pathways in hepatocytes. *Histology and Histopathology*. 2009 11; 24(11): 1463-1472.

杉野 隆, 鈴木利光. 転移とは何かー病理からみた転移ー. *細胞工学*. 2009 07; 28(7):644-647.

講演

杉野隆 The LAM Foundation 2009 International Research Conference, “Invasion independent pathway of cancer metastasis: possible implications for the mechanism of LAM cell dissemination”, 2009.4.17, Ohio, USA

杉野 隆 癌転移研究のパラダイムシフトー癌は浸潤しなくても転移できるー.
がんプロ大学院講義; 2009 01 26. 弘前.

症例報告

He Liu, Izumi Koyanagi, Hideki Chiba, Masahiro Wanibuchi, Osamu Honmou, Toshiaki Yamaki and Kiyohiro Houkin. Spinal cord infarct as the initial clinical presentation of intravascular malignant lymphomatosis. *Journal of Clinical Neuroscience*. 2009 04; 16(4): 570-573.

研究費

日本学術振興会 科学研究費補助金／基盤研究(B)、平成 21 年度、「タイト結合の機能細胞病理学ーすきまの細胞生物学から治療への応用をめざして」分担：千葉英樹 他
(代表 澤田典均)

日本学術振興会 科学研究費補助金／基盤研究(C)、平成 21 年度、「癌転移の多様性に対応するモデルの作製と分子メカニズムの解明」代表：杉野 隆

厚生労働省がん研究助成金、平成 21 年度、「がん組織の特異性を利用したドラッグデリバリーシステム(DDS)薬剤の基礎的・臨床的開発に関する研究」(21 分指-4-③)
分担：杉野隆 (代表 濱口哲弥)