

VII. 4 先端医療センター

VII. 4. 1 血管再生科

1. Asahara T, Kawamoto A, Masuda H
Concise review : circulating endothelial progenitor cells for vascular medicine.
Stem Cells, 2011 ; 29 : 1650-1655.
2. Ii M, Horii M, Yokoyama A, Shoji T, Mifune Y, Kawamoto A, Asahi M, Asahara T
Synergistic effect of adipose-derived stem cell therapy and bone marrow progenitor recruitment in ischemic heart. Lab Invest, 2011 ; 91 : 539-552.
3. Iwasaki H, Kawamoto A, Tjwa M, Horii M, Hayashi S, Oyamada A, Matsumoto T, Suehiro S, Carmeliet P, Asahara T
PlGF repairs myocardial ischemia through mechanisms of angiogenesis, cardioprotection and recruitment of myo-angiogenic competent marrow progenitors. PLoS One, 2011 ; 6 : e24872. Epub 2011 Sep 28.
4. Kamei N, Kwon SM, Ishikawa M, Ii M, Nakanishi K, Yamada K, Hozumi K, Kawamoto A, Ochi M, Asahara T
Endothelial progenitor cells promote astrogliosis following spinal cord injury through Jagged1-dependent Notch signaling. J Neurotrauma, 2012 ; 29 : 1758-1769.
5. 川本篤彦
【特集 血管・心筋再生はどこまで来たか】 治す PAD に対する再生治療 CD34 陽性細胞を用いた血管再生療法の展望. Heart View, 2011 ; 15 : 808-815.
6. 川本篤彦
Chapter 4 4. CD34 陽性細胞
室原豊明 編, 循環器再生医学の現状と展望, 東京 : メディカルレビュー社, 2011 : 151-158.
7. Kwon SM, Lee YK, Yokoyama A, Jung SY, Masuda H, Kawamoto A, Lee YM, Asahara T
Differential activity of bone marrow hematopoietic stem cell subpopulations for EPC development and ischemic neovascularization. J Mol Cell Cardiol, 2011 ; 51 : 308-317.
8. Kuroda R, Matsumoto T, Miwa M, Kawamoto A, Mifune Y, Fukui T, Kawakami Y, Niikura T, Lee SY, Oe K, Shoji T, Kuroda T, Horii M, Yokoyama A, Ono T, Koibuchi Y, Kawamata S, Fukushima M, Kurosaka M, Asahara T
Local transplantation of G-CSF-mobilized CD34+ cells in a patient with tibial nonunion : A case report. Cell Transplant, 2011 ; 20 : 1491-1496.
9. Nakamura T, Tsutsumi V, Torimura T, Naitou M, Iwamoto H, Masuda Y, Hashimoto O, Koga H, Abe M, Ii M, Kawamoto A, Asahara T, Ueno T, Sata M
Human peripheral blood CD34-positive cells enhance therapeutic regeneration of chronically injured liver in nude rats. J Cell Physiol, 2012 ; 227 : 1538-1552.
10. 馬場理江、川本篤彦、箕輪和士、金子祐一郎
血管超音波検査における側副血行路源に着目したドプラ血流速度波形解析の有用性 : 前脛骨動脈血流検出不能例における足背部の血流評価について. J Jpn Coll Angiol, 2012 ; 52 : 129-136.

11. Fukui T, Ii M, Shoji T, Matsumoto T, Mifune Y, Kawakami Y, Akimaru H, Kawamoto A, Kuroda T, Saito T, Tabata Y, Kuroda R, Kurosaka M, Asahara T
Therapeutic effect of local administration of low dose simvastatin-conjugated gelatin hydrogel for fracture healing. *J Bone Miner Res*, 2012 ; 27 : 1118-1131.
12. Fukui T, Matsumoto T, Mifune Y, Shoji T, Kuroda T, Kawakami Y, Kawamoto A, Ii M, Kawamata S, Kurosaka M, Asahara T, Kuroda R
Local transplantation of granulocyte colony stimulating factor-mobilized human peripheral blood mononuclear cells for unhealing bone fractures. *Cell Transplant*, 2011. [Epub ahead of print]
13. Masuda H, Iwasaki H, Kawamoto A, Akimaru H, Ishikawa M, Ii M, Shizuno T, Sato A, Ito R, Horii M, Ishida H, Kato S, Asahara T
Development of serum-free quality and quantity control culture of colony-forming endothelial progenitor cell for vasculogenesis. *Stem Cells Trans Med*, 2012 ; 1 : 160-171.
14. Yang J, Ii M, Kamei N, Alev C, Kwon SM, Kawamoto A, Akimaru H, Masuda H, Sawa Y, Asahara T
CD34 cells represent highly functional endothelial progenitor cells in murine bone marrow. *PLoS One*, 2011 ; 6 : e20219. Epub 2011 May 31.
15. 和田治郎、川本篤彦
動き出したアカデミア発シーズの治験 各拠点からの報告 先端医療振興財団 慢性重症下肢虚血患者を対象にした自家末梢血 CD34 陽性細胞移植による下肢血管再生治療. *Clin Eval*, 2011 ; 39 : 287-289.

Ⅵ. 4. 2 細胞治療科

1. Aoki K, Arima A, Hashimoto H, Tabata S, Matsushita A, Ishikawa T
Human herpes virus 6-associated myelitis following allogeneic bone marrow transplantation. *Ann Hematol*, 2012 : Epub

Ⅵ. 4. 3 総合腫瘍科

1. Katakami N, Inaba Y, Sugata S, Tsurusaki M, Itoh T, Machida T, Tanaka H, Nakayama T, Morikawa T, Breuer J, Aitoku Y
Magnetic resonance evaluation of brain metastases from systemic malignancies with two doses of gadobutrol 1.0 m compared with gadoteridol: a multicenter, phase II / III study in patients with known or suspected brain metastases. *Invest Radiol*, 2011 ; 46 : 411-418.
2. Kobayashi M, Matsui K, Katakami N, Takeda K, Moriyama A, Iwamoto Y, Takada M, Yoshioka H, Sueoka-Aragane N, Nakagawa K ; West Japan Oncology Group.
Phase II study of gefitinib as a first-line therapy in elderly patients with pulmonary adenocarcinoma : West Japan Thoracic Oncology Group Study 0402. *Jpn J Clin Oncol*, 2011 ; 41 : 948-952.
3. Tanaka K, Hata A, Kida Y, Kaji R, Fujita S, Katakami N, Imai Y
Gefitinib for a poor performance status patient with squamous cell carcinoma of the lung harboring EGFR mutation. *Intern Med*, 2012 ; 51 : 659-661.
4. Hata A, Katakami N, Kunimasa K, Yoshioka H, Fujita S, Kaji R, Tachikawa R, Tomii K, Imai Y, Iwasaku M, Ishida T
Erlotinib for Pretreated Squamous Cell Carcinoma of the Lung in Japanese Patients. *Jpn J Clin Oncol*, 2011 ; 41 : 1366-1372.

5. Hata A, Katakami N (corresponding author), Fujita S, Kokubo M, Imai Y
Angiosarcoma arising from right atrium : remarkable response to concurrent chemoradiotherapy with carboplatin and paclitaxel. *J Thorac Oncol*, 2011 ; 6 : 970-971.
6. Hata A, Katakami N (corresponding author), Yoshioka H, Fujita S, Kunimasa K, Nanjo S, Otsuka K, Kaji R, Tomii K, Iwasaku M, Nishiyama A, Hayashi H, Morita S, Ishida T
Erlotinib after gefitinib failure in relapsed non-small cell lung cancer : Clinical benefit with optimal patient selection. *Lung Cancer*, 2011 ; 74 : 268-273.
7. Hata A, Kaji R, Fujita S, Katakami N (corresponding author)
Does the addition of vascular endothelial growth factor inhibitors to epidermal growth factor receptor-tyrosine inhibitor overcome T790M acquired resistance? *J Thorac Oncol*, 2011 ; 6 : 404.
8. Hata A, Fujita S, Katakami N (corresponding author), Sakai C, Imai Y
Bilateral subdural hematoma associated with central nervous system metastases from lung cancer. *J Thorac Oncol*, 2011 ; 6 : 207-208.
9. Hata A, Kaji R, Fujita S, Katakami N (corresponding author)
High-Dose Erlotinib for Refractory Brain Metastases in a Patient with Relapsed Non-small Cell Lung Cancer. *J Thorac Oncol*, 2011 ; 6 : 653-654.
10. Hata A, Katakami N (corresponding author) , Fujita S, Kaji R, Nanjo S, Otsuka K, Kida Y, Higashi Y, Tachikawa R, Hayashi M, Nishimura T, Tomii K
Amrubicin at a lower-dose with routine prophylactic use of granulocyte-colony stimulating factor for relapsed small-cell lung cancer. *Lung Cancer*, 2011 ; 72 : 224-228.
11. Hata A, Fujita S, Kaji R, Katakami N, Imai Y
Do complex mutations of the epidermal growth factor receptor gene reflect intratumoral heterogeneity? *J Thorac Oncol*, 2011 ; 6 : 1144-1146.
12. Hata A, Katakami N, Fujita S, Kokubo M, Imai Y
Angiosarcoma arising from right atrium: remarkable response to concurrent chemoradiotherapy with carboplatin and paclitaxel. *J Thorac Oncol*, 2011 ; 6 : 970-971.

Ⅶ. 4. 4 放射線治療科

1. H Onishi, H Shirato, Y Nagata, M Hiraoka, M Fujino, K Gomi, K Karasawa, K Hayakawa, Y Niibe, Y Takai, T Kimura, A Takeda, A Ouchi, M Hareyama, M Kokubo, T Kozuka, T Arimoto, R Hara, J Itami, T Araki
Stereotactic Body Radiotherapy (SBRT) for Operable Stage I Non-Small-Cell Lung Cancer : Can SBRT be Comparable to Surgery?
International Journal of Radiation Oncology Biology Physics, 2011 ; 81 : 1352-1358.
2. K Ogawa, K Karasawa, Y Ito, Y Ogawa, K Jingu, H Onishi, S Aoki, H Wada, M Kokubo, E Ogo, H Etoh, T Kazumoto, M Takayama, K Nemoto, Y Nishimura, JROSG Working Subgroup of Gastrointestinal Cancers
Intraoperative Radiotherapy for Unresectable Pancreatic Cancer : A Multi-Institutional Retrospective Analysis of 144 Patients.
International Journal of Radiation Oncology Biology Physics, 2011 ; 80 : 111-118.

3. A Hata, N Katakami, S Fujita, M Kokubo, Y Imai
Angiosarcoma arising from right atrium: remarkable response to concurrent chemoradiotherapy with carboplatin and paclitaxel. *Journal of Thoracic Oncology*, 2011 ; 6 : 970-971.
4. Y Miyabe, A Sawada, K Takayama, S Kaneko, T Mizowaki, M Kokubo, M Hiraoka
Positioning accuracy of a new image-guided radiotherapy system.
Medical Physics, 2011 ; 38 : 2535-2541.

Ⅶ. 4. 5 臨床検査技術科

1. 馬場理江、川本篤彦、箕輪和士、金子祐一郎
血管超音波検査における側副血行路源に着目したドプラ血流速波形解析の有用性：前脛骨動脈血流検出不能例における足背部の血流評価について
脈管学, 2012 ; 52 No. March J JpnCollAngiol, 2012 ; 52 : 129-136.
Online publication March 10, 2012

Ⅶ. 4. 6 放射線技術科

1. 久保和輝
DMLC-IMRTを開始するにあたっての Varian MLC 精度検証
放射線治療かたろう会会誌, 2012 ; 17 : 16-21.
2. 栗山 巧、古川 宗、清水敬二、大西久美子、酒井慎治、今村博敏、坂井千秋、坂井信幸
脳動脈瘤コイル塞栓術における First coil の径を指標とした自動計測値の有用性
日本放射線技術学会雑誌, 2012 ; 68 : 95-102.