

6. 遺伝子治療に関する研究業績

159. Bai Y, Soda Y, Izawa K, Tanabe T, Kang X, Tojo A, Hoshino H, Miyoshi H, Asano S, Tani K : Effective transduction and stable transgene expression in human blood cells by a third-generation lentiviral vector. *Gene Therapy* : in press
160. Asano T, Hanazono Y, Ueda Y, Muramatsu S, Kume A, Suemori H, Suzuki Y, Kondo Y, Harii K, Hasegawa M, Nakatsuji N, Ozawa K : Highly efficient gene transfer into primate embryonic stem cells with a simian lentivirus vector. *Mol Ther* 6 : 162 - 168, 2002
161. Hanazono Y, Nagashima T, Takatoku M, Shibata H, Ageyama N, Asano T, Ueda Y, Dunbar CE, Kume A, Terao K, Hasegawa M, Ozawa K : In vivo selective expansion of gene-modified hematopoietic cells in a nonhuman primate model. *Gene Ther* 9 : 1055 - 1064, 2002
162. Hanazono Y, Terao K, Shibata H, Nagashima T, Ageyama N, Asano T, Ueda Y, Kato I, Kume A, Hasegawa M, Ozawa K : Introduction of the green fluorescent protein gene into hematopoietic stem cells results in prolonged discrepancy of in vivo transduction levels between bone marrow progenitors and peripheral blood cells in nonhuman primates. *J Gene Med* 4 : 470 - 477, 2002
163. Kume A, Hanazono Y, Mizukami H, Okada T, Ozawa K : Selective expansion of transduced cells for hematopoietic stem cell gene therapy. *Int J Hematol* 76 : 299 - 304, 2002
164. Kume A, Koremoto M, Mizukami H, Okada T, Hanazono Y, Sugamura K, Ozawa K : Selective growth advantage of wild-type lymphocytes in X-linked SCID recipients. *Bone Marrow Transplant* 30 : 113 - 118, 2002
165. Okada T, Nomoto T, Shimazaki K, Wang L, Lu Y, Matsushita T, Mizukami H, Urabe M, Hanazono Y, Kume A, muramatsu S, Nakano I, Ozawa K : Adeno-associated virus vectors for gene transfer to the brain. *Methods* 28 (2) : 237 - 247, 2002
166. Shimpo M, Ikeda U, Maeda Y, Takahashi M, Miyashita H, Mizukami H, Urabe M, Kume A, Takizawa T, Shibuya M, Ozawa K, Shimada K : AAV-mediated VEGF gene transfer into skeletal muscle stimulates angiogenesis and improves blood flow in a rat hindlimb ischemia model. *Cardiovasc Res* 53 : 993 -1 001, 2002
167. Wang LJ, Lu YY, Muramatsu S, Ikeguchi K, Fujimoto K, Okada T, Mizukami H, Matsushita T, Hanazono Y, Kume A, Natatsu T, Ozawa K, Nakano I : Neuroprotective effects of glial cell line-derived neurotrophic factor mediated by an adeno-associated virus vector in a transgenic animal model of amyotrophic lateral

sclerosis. J Neurosci 22 : 6920 - 6928, 2002

168. Kume A, Mizukami H, Okada T, Hanazono Y, Sugamura K, Ozawa K, Takaku F : Lymphoid reconstitution in X-linked severe combined immunodeficient mice by retrovirus-mediated gene transfer. Proc Japan Acad 78 : 211 - 216, 2002
169. Kanazawa T, Mizukami H, Okada T, Hanazono Y, Kume A, Nishino H, Takeuchi K, Kitamura K, Ichimura K, Ozawa K : Suicide gene therapy using AAV-HSVtk/ganciclovir in combination with irradiation results in regression of human head and neck cancer xenografts in nude mice. Gene Ther 10 : 51 - 58, 2003
170. Lu YY, Wang LJ, Muramatsu S, Ikeguchi K, Fujimoto K, Okada T, Mizukami H, Matsushita T, Hanazono Y, Kume A, Nagatsu T, Ozawa K, Nakano I : Intramuscular injection of AAV-GDNF results in sustained expression of transgenic GDNF, and its delivery to spinal motoneurons by retrograde transport. Neurosci Res 45 : 33 - 40, 2003
171. Kume A, Koremoto M, Xu R, Okada T, Mizukami H, Hanazono Y, Hasegawa M, Ozawa K : In vivo expansion of transduced murine hematopoietic cells with a selective amplifier gene. J Gene Med 5 : 175 - 181, 2003 : in press
172. Nagashima T, Ueda Y, Hanazono Y, Kume A, Shibata H, Ageyama N, Terao K, Ozawa K, Hasegawa M : New selective amplifier genes containing c-Mpl for hematopoietic cell expansion. Biochem Biophys Res Commun 303 : 170 - 176, 2003 : in press

7. その他/各領域に共通する研究業績

173. Fujimura K, Harada Y, Fujimoto T, Kuramoto A, Ikeda Y, Akatsuka J, Dan K, Omine M, Mizoguchi H : Nationwide study of idiopathic thrombocytopenic purpura in pregnant women and the clinical influence on neonates. Int J Hematol 75 (4) : 426 - 433, 2002
174. Fujita K, Oba R, Harada H, Mori H, Niikura H, Isoyama K, Omine M : Cytogenetics, FISH and RT-PCR Analysis of Acute Promyelocytic Leukemia:Structure of the Fusion Point in a Case Lacking Classic t(15;17) Translocation. 44, Leuk Lymphoma : 111 - 115, 2003
175. Kunitomi A, Hori T, Maeda M, Uchiyama T : OX40s signaling renders adult t-cell leukemia cells resistant to Fas-induced apoptosis. Int J Hematol 76 : 260 - 266, 2002
176. Kurata M, Maesako Y, Ueda C, Nishikori M, Akasaka T, Uchiyama T, Ohno H : Characterization of t(3;6)(q27;p21) breakpoints in B-cell non-Hodgkin lymphoma and construction of histone H4/BCL6 fusion gene leading to altered expression of Bcl-6. Cancer Res. 62 : 6224 - 6230, 2002

177. Ezumi Y, Kodama K, Uchiyama T, Takayama H : Constitutive and functional association of the platelet collagen receptor glycoprotein VI-Fc receptor γ -chain complex with membrane rafts. *Blood* 99 (9) : 3250 - 3255, 2002
178. Yonezawa A, Morita R, Takaori-Kondo A, Kadowaki N, Kitawaki T, Hori T, Uchiyama T : Natural interferon- α -producing cells respond to human immunodeficiency virus-1 with interferon- α production and maturation into dendritic cells. *J Virol* : in press
179. Nishikori M, Maesako Y, Ueda C, Kurata M, Uchiyama T, Ohno H : High-level expression of BCL-3 differentiates t(2;5)(p23;q35)-positive anaplastic large cell lymphoma from Hodgkin's disease. *Blood* : in press
180. Usuki K, Urabe A, Masaoka T, The Gran AML Study Group : Efficacy of granulocyte colony-stimulating factor in the treatment of acute myelogenous leukaemia : a multicentre randomized study. *Br J Haematol* 116 : 103 - 112, 2002
181. Imagawa S, Suzuki N, Ohmine K, Obara N, Mukai HY, Ozawa K, Yamamoto M, Nagasawa T : GATA suppresses erythropoietin gene expression through GATA site in mouse erythropoietin gene promoter. *Int J Hematol* 75 : 376 - 381, 2002
182. Imagawa S, Taramoto T, Suzuki N, Mukai H Y, Hasegawa Y, Higuchi M, Neichi T, Ozawa K, Yamamoto M, Nagasawa T : L-arginine rescues decreased erythropoietin gene expression by stimulating GATA-2 with L-NMMA. *Kidney Int* 61 : 396 - 404, 2002
183. Kawano-Yamamoto C, Muroi K, Izumi T, Saito K, Ozawa K : Two-color flow cytometry with a CD19 gate for the evaluation of bone marrow involvement of B-cell lymphoma. *Leuk Lymphoma* 43 : 2133 - 2137, 2002
184. Kirito K, Nagashima T, Ozawa K, Komatsu N : Constitutive activation of Stat1 and Stat3 in primary erythroleukemia cells. *Int J Hematol* 75 : 51 - 54, 2002
185. Kirito K, Nakajima K, Watanabe T, Uchida M, Tanaka M, Ozawa K, Komatsu N : Identification of the human erythropoietin receptor region required for Stat1 and Stat3 activation. *Blood* 99 : 102 - 110, 2002
186. Kirito K, Osawa M, Morita H, Shimizu R, Yamamoto M, Oda A, Fujita H, Tanaka M, Nakajima K, Miura Y, Ozawa K, Komatsu N : A functional role of Stat3 in in vivo megakaryopoiesis. *Blood* 99 : 3220 - 3227, 2002
187. Kirito K, Watanabe T, Sawada K, Endo H, Ozawa K, Komatsu N : Thrombopoietin regulates Bcl-xL gene expression through Stat5 and phosphatidylinositol-3-kinase activation pathways. *J Biol Chem* 277 : 8329 - 8337, 2002

188. Mishima Y, Terui Y, Mishima Y, Katsuyama M, Mori M, Tomizuka H, Takizawa T, Miyazato A, Ueda M, Yamada M, Hayasawa H, Mizunuma N, Ishizaka Y, Ikeda K, Kato T, Ozawa K, Hatake K : New human myelodysplastic cell line, TER-3 : G-CSF specific downregulation of Ca²⁺/calmodulin-dependent protein kinase IV. *J Cell Physiol* 191 : 183 - 190, 2002
189. Sato Y, Izumi T, Kanamori H, Davis EM, Miura Y, Larson RA, Le Beau MM, Ozawa K, Rowley JD : t(1;3)(p36;p21) is a recurring therapy-related translocation. *Genes Chromosomes Cancer* 34 : 186 - 192, 2002
190. Tri NK, Xinh PT, Nagao H, Izumi T, Ozawa K, Toyoda A, Hattori M, Sakaki Y, Tokunaga K, Sato Y : Identification of the breakpoints at 1p36.2 and 3p21.3 in an AML (M3) patient who had t(1;3)(p36.2;p21.3) at the third relapse. *Genes Chromosomes Cancer* 35 : 365 - 367, 2002
191. Komatsu N, Watanabe T, Uchida M, Mori M, Kirito K, Kikuchi S, Liu Q, Tauchi T, Miyazawa K, Endo H, Nagai T, Ozawa K : A member of Forkhead transcription factor FKHL1 is a downstream effector of STI571-induced cell cycle arrest in BCR-ABL expressing cells. *J Biol Chem* 278 : 6411 - 6419, 2003
192. Ezoe S, Matsumura I, Nakata S, Gale K, Ishihara K, Minegishi N, Machii T, Kitamura T, Yamamoto M, Enver T, Kanakura Y : GATA-2/estrogen receptor chimera regulates cytokine-dependent growth of hematopoietic cells through accumulation of p21WAF1 and p27Kip1 proteins. *Blood* 100 : 3512 - 3520, 2002
193. Kabutomori O, Kanakura Y, Iwatani Y : Movement of toxic granulation neutrophils and C-reactive protein in inflammatory processes. *Am J Med* 112 : 595 - 596, 2002
194. Kabutomori O, Kanakura Y, Watani Y I : Induction of toxic granulation in neutrophils by granulocyte colony-stimulating factor. *Eur J Haematol* 69 : 187 - 188, 2002
195. Kuratsune H, Yamaguti K, Lindh G, Evengard B, Hagberg G, Matsumura K, Iwase M, Onoe H, Takahashi M, Machii T, Kanakura Y, Kitani T, Langstrom B, Watanabe Y : Brain regions involved in fatigue sensation: reduced acetylcarnitine uptake into the brain. *Neuroimage* 17 : 1256 - 1265, 2002
196. Matsumura I, Kanakura Y : Molecular control of megakaryopoiesis and thrombopoiesis. *Int J Hematol* 75 : 473 - 483, 2002
197. Nojima J, Kuratsune H, Suchisa E, Kawasaki T, Machii T, Kitani T, Iwatani Y, Kanakura Y : Acquired activated protein C resistance associated with anti-protein S antibody as a strong risk factor for DVT in non-SLE patients. *Thromb Haemost* 88 : 716 - 722, 2002
198. Nojima J, Kuratsune H, Suehisa E, Kawasaki T, Machii T, Kitani T, Iwatani Y, Kanakura Y : Acquired activated protein C resistance is associated with the co-existence of anti-prothrombin antibodies and lupus

anticoagulant activity in patients with systemic lupus erythematosus. *Br J Haematol* 118 : 577 - 583, 2002

199. Sonoyama J, Matsumura I, Ezoe S, Satoh Y, Zhang X, Kataoka Y, Takai E, Mizuki M, Machii T, Wakao H, Kanakura Y : Functional cooperation among Ras, STAT5, and phosphatidylinositol 3-kinase is required for full oncogenic activities of BCR/ABL in K562 cells. *J Biol Chem* 277 : 8076 - 8082, 2002
200. Tanaka H, Matsumura I, Ezoe S, Satoh Y, Sakamaki T, Albanese C, Machii T, Pestell RG, Kanakura Y : E2F1 and c-Myc potentiate apoptosis through inhibition of NF-kappaB activity that facilitates MnSOD-mediated ROS elimination. *Mol Cell* 9 : 1017 - 1029, 2002
201. Ueda S, Mizuki M, Ikeda H, Tsujimura T, Matsumura I, Nakano K, Daino H, Honda Zi Z, Sonoyama J, Shibayama H, Sugahara H, Machii T, Kanakura Y : Critical roles of c-Kit tyrosine residues 567 and 719 in stem cell factor-induced chemotaxis: contribution of src family kinase and PI3-kinase on calcium mobilization and cell migration. *Blood* 99 : 3342 - 3349, 2002
202. Yamanishi H, Iyama S, Yamaguchi Y, Kanakura Y, Iwatani Y : Modification of fully automated total iron-binding capacity (TIBC) assay in serum and comparison with dimension TIBC method. *Clin Chem* 48 : 1565 - 1570, 2002
203. Yamanishi H, Iyama S, Yamaguchi Y, Kanakura Y, Iwatani Y : Relation between iron content of serum ferritin and clinical status factors extracted by factor analysis in patients with hyperferritinemia. *Clin Biochem* 35 : 523 - 529, 2002
204. Yamanishi H, Iyama S, Yamaguchi Y, Kanakura Y, Iwatani Y : Total iron-binding capacity calculated from serum transferrin concentration or serum iron concentration and unsaturated iron-binding capacity. *Clin Chem* 49 : 175 - 178, 2003
205. Matsumura I, Tanaka H, Kanakura Y : Roles for E2F1 and c-Myc in the regulation of cell growth and survival. *Cell Cycle* : in press
206. Mizuki M, Schwaeble J, Steur C, Choudhary C, Agrawal S, Sargin B, Steffen B, Matsumura I, Kanakura Y, Boehmer F D, Mueller-Tidow C, Berdel W E, Serve H : Suppression of myeloid transcription factors and induction of STAT response genes by AML-specific Flt3 mutations. *Blood* : in press
207. Ezoe S, Matsumura I, Kanakura Y : Roles for CDK inhibitors in hematopoietic system. *Cell Cycle* : in press
208. Kawasaki A, Matsumura I, Kataoka, Y, Takigawa E, Nakajima K, Kanakura Y : Opposing Effects of PML and PML/RARa on STAT3 activity. *Blood* : in press
209. Matsumura I, Ezoe S, Mizuki M, Kanakura Y : Roles for CDK inhibitors in the growth, differentiation and malignant transformation of hematopoietic cells. *Res Adv in Blood* : in press

210. Matsumura I, Tanaka H, Mizuki M, Sugahara H, Kanakura Y : Molecular mechanisms of E2F1- and c-Myc-enhanced apoptosis. *Recent Res Develop in Mol Cell Biol* : in press
211. Zhang X, Machii T, Matsumura I, Ezoe S, Kawasaki A, Tanaka H, Ueda S, Sugahara H, Shibayama H, Mizuki M, Kanakura Y : Constitutively activated Rho GTPases regulate the growth and morphology of hairy cell leukemia (HCL) cells. *Int J Hematol* : in press
212. Fujii N, Hiraki A, Ikeda K, Ohmura Y, Nozaki I, Shinagawa K, Ishimaru F, Kiura K, Shimizu N, Tanimoto M, Harada M : Expression of minor histocompatibility antigen, HA-1, in solid tumor cells. *Transplantation* 73 : 1137 - 1141, 2002
213. Fujii N, Ikeda K, Takahashi N, Kojima K, Kobayashi Y, Ashiba A, Takenaka K, Fukuda S, Shinagawa K, Ishimaru F, Niiya K, Miura I, Tanimoto M, Harada M : Multilineage involvement in hypereosinophilic syndrome terminating in granulocytic sarcoma and leukaemic transformation with trisomy 8. *Br J Haematol* 119 : 716 - 719, 2002
214. Fujii N, Ikeda T, Ikeda K, Hiraki A, Kawakami K, Masuda K, Maeda Y, Hatake K, Motoyoshi K, Harada M, Tanimoto M : Differentiation of monoblastic cell line UG3 into leukemic dendritic cells. *Int Oncol* 21 : 617 - 620, 2002
215. Kawai H, Kiura K, Tabata M, Yoshino T, Takata I, Hiraki A, Chikamori K, Ueoka H, Tanimoto M, Harada M : Characterization of non-small-cell lung cancer cell lines established before and after chemotherapy. *Lung Cancer* 35 : 305 - 314, 2002
216. Kodani T, Ueoka H, Kiura K, Tabata M, Takigawa N, Segawa Y, Moritaka T, Hiraki S, Harada M, Tanimoto M : A phase III randomized trial comparing vindesine and cisplatin with or without ifosfamide in patients with advanced non-small cell lung cancer: long-term follow-up results and analysis of prognostic factors. *Lung Cancer* 36 : 313 - 319, 2002
217. Kogawa K, Nagafuchi S, Katsuta H, Kudoh J, Tamiya S, Sakai Y, Shimizu N, Harada M : Expression of AIRE gene in peripheral monocyte /dendritic cell lineage. *Immuno Lett* 80 : 195 - 198, 2002
218. Kohara H, Tabata M, Kiura K, Ueoka H, Kawata K, Chikamori M, Aoe K, Chikamori K, Matsushita A, Harada M : Synergistic effects of topoisomerase I inhibitor, 7-ethyl-10-hydroxy-camptothecin, and irradiation in a Cisplatin-resistant human small cell lung cancer cell line. *Clin Cancer Res* 8 : 287 - 292, 2002
219. Nagano S, Otsuka T, Niino H, Yamaoka K, Arinobu Y, Ogami E, Akahoshi M, Inoue Y, Miyake K, Nakashima H, Niho Y, Harada M : Molecular mechanisms of LPS-induced COX-2 expression in human neutrophils. Involvement of MAPK pathway and regulation by anti-inflammatory cytokines. *Int Immunol* 14 : 733 - 740, 2002

220. Nakase K, Ishimaru F, Fujii K, Tabayashi T, Kozuka T, Sezaki N, Matsuo Y, Harada M : Overexpression of novel short isoforms of Helios in a patient with T-cell acute lymphoblastic leukemia. *Exp Hematol* 30 : 313 - 317, 2002
221. Nakashima H, Miyake K, Inoue Y, Shimizu S, Akahoshi M, Tanaka Y, Otsuka T, Harada M : Association between IL-4 genotype and IL-4 production In the Japanese population. *Genes Immun* 3 : 107 - 109, 2002
222. Ota S, Ono T, Morita A, Uenaka A, Harada M, Nakayama E : Cellular processing of a multibranching lysine core with tumor antigen peptides and presentation of peptide epitopes recognized by cytotoxic T lymphocytes on antigen-presenting cells. *Cancer Res* 62 : 1471 - 1476, 2002
223. Sakugawa T, Yoshino T, Mannami T, Munemasa M, Ichimura K, Okada H, Mizuno M, Tanimoto M, Harada M, Akagi T : Correlation between histological evaluation and PCR-based clonality analysis of gastric MALT lymphomas treated by eradication of *Helicobacter pylori*. *J Clin Exp Hematopathology* 42 : 61 - 66, 2002
224. Shimoda K, Kamesaki K, Numata A, Aoki K, Matsuda T, Oritani K, Tamiya S, Kato K, Imamura R, Yamamoto T, Miyamoto T, Nagafuji K, Gondo H, Nagafuji S, Nakayama K, Harada M : Tyk2 is required for the induction and nuclear translocation of Daxx which regulates IFN- α -induced suppression of B lymphocyte formation. *J Immunol* 169 : 4707 - 4711, 2002
225. Shimoda K, Tsutui H, Aoki K, Kato K, Matsuda T, Numata A, Takase K, Yamamoto T, Mukina H, Hoshino T, Asano Y, Gondo H, Okamura T, Okamura S, Nakayama K, Nakanishi K, Niho Y, Harada M : Partial impairment of IL-12 and IL-18 signaling in Tyk2-deficient mice. *Blood* 99 : 2094 - 2099, 2002
226. Tanaka M, Hiraki A, Ueoka H, Bessho A, Kiura K, Takigawa N, Kodani T, Miyatake K, Hamada N, Kishimoto T, Tanimoto M, Harada M : Gingival metastasis in lung cancer. *Oncol Rep* 9 : 571 - 574, 2002
227. Shibakura M, Niiya K, Kiguchi T, Shinagawa K, Ishimaru F, Ikeda K, Namba M, Nakata Y, Harada M : Simultaneous induction of matrix metalloproteinase-9 and interleukin 8 by all-trans-retinoic acid in human PL-21 and NB4 myeloid leukaemia cells. *Br J Haematol* 118 : 419 - 425, 2002
228. Yoshino T, Nakamura S, Suzumiya J, Niitsu N, Ohshima K, Tsuchiyama J, Shinagawa K, Tanimoto M, Sadahira Y, Harada M, Kikuchi M, Akagi T : Expression of cutaneous lymphocyte antigen is associated with a poor outcome of nasal-type natural killer-cell lymphoma. *Br J Haematol* 118 : 482 - 487, 2002
229. Igarashi T, Kobayashi Y, Ogura M, Kinoshita T, Ohtsu T, Sasaki Y, Morishima Y, Murate T, Kasai M, Uike N, Taniwaki M, Kano Y, Ohnishi K, Matsuno Y, Nakamura S, Mori S, Ohashi Y, Tobinai K : Factors affecting toxicity, response and progression-free survival in relapsed patients with indolent B-cell lymphoma and mantle cell lymphoma treated with rituximab: a Japanese phase II study. *Ann Oncol* 13 : 928 - 943, 2002
230. Murate T, Suzuki M, Hattori M, Takagi A, Kojima T, Tanizawa T, Asano H, Hotta T, Saito H, Yoshida S :

- Up-regulation of acid sphingomyelinase during retinoic acid-induced myeloid differentiation of NB4, a human acute promyelocytic leukemia cell line. *J Biol Chem* 277 : 9936 - 9943, 2002
231. Takagi A, Yamada T, Hayashi K, Nakade Y, Kijima T, Takamatsu J, Shibata E, Ichihara G, Takeuchi Y, Murate T : Involvement of caspase 3 mediated apoptosis in hematopoietic cytotoxicity of metabolites of ethylene glycol monomethyl ether. *Ind Health* 40 : 371 - 374, 2002
 232. Aoki E, Ohashi H, Uchida T, Murate T, Saito H, Kinoshita T : Expression levels of DNA methyltransferase genes do not correlate with p15INK4B gene methylation in myelodysplastic syndromes. *Leukemia* : in press
 233. Kowata S, Ishida Y, Murai K, Satoh M, Ito S, Utsugisawa T, Inoue H : Protein Kinase C and Rho Pathway Production In Vitro. *Blood* 100 : 484a, 2002
 234. Ohgi S, Ehara S, Satoh T, Kato S, Shimosegawa K, Ishida Y : Spontaneous regression of malignant lymphoma of the lumbar spine. *Skeletal Radiol* 31 : 99 - 102, 2002
 235. Utsugisawa T, Inoue H, Ishida Y : Translocation of Protein Kinase C δ Is Required for Phorbol Ester Induced Monocytic Differentiation. *Blood* 100 : 245a, 2002
 236. Yashima A, Maesawa C, Uchiyama M, Tarusawa M, Satoh T, Satoh M, Enomoto S, Sugawara K, Numaoka H, Murai K, Utsugisawa T, Ishida Y, and Masuda T : Quantitative assessment of contaminating tumor cells in autologous peripheral blood stem cells of B-cell non-Hodgkin lymphomas using immunoglobulin heavy chain gene allele-specific oligonucleotide real-time quantitative polymerase chain reaction. *Leuk Res* 2002 : in press
 237. Suyama T, Ohashi H, Nagai H, Hatano S, Asano H, Murate T, Saito H, Kinoshita T : The MAGE-A1 gene expression is not simply determined by methylation status of the promoter in hematological malignancies. *Leuk Res* 26 : 1113 - 1118, 2002
 238. Terasawa T, Ohashi H, Tsushita K, Utsumi M, Mukai E, Nakamura S, Shimoyama M : Failure to detect Epstein-Barr virus (EBV) DNA in plasma by real-time PCR in a case of EBV-associated posttranslational lymphoproliferative disorder confined to the central nervous system. *Int J Hematol* 75 : 416 - 420, 2002
 239. Ohashi H : Methylation-specific PCR. *PCR Cloning Protocols Second Edition* (eds BY Chen and HW Janes), Humana Press (Totowa NJ) : 91 - 97, 2002
 240. Sumimoto H, Tsuji T, Miyoshi H, Hagihara M, Takada-Yamazaki R, Okamoto S, Ikeda Y, Takahashi T, Kawakami Y : Rapid and efficient generation of lentivirally gene-modified dendritic cells from DC progenitors with bone marrow stromal cells. *J Immunol Methods* 271 : 153 - 165, 2002
 241. Isoda A, Yokohama A, Matsushima T, Tsukamoto N, Nojima Y, Karasawa M : The naive T-lymphocyte

- compartment is well preserved in patients with chronic myelogenous leukaemia in chronic phase. *Br J Haematol* 119 : 949 - 955, 2002
242. Koiso H, Tsukamoto N, Miyawaki S, Shinonome S, Nojima Y, Karasawa M : Quantitative analysis of Cyclin D1 and CD23 expression in mantle cell lymphoma and B-chronic lymphocytic leukemia. *Leuk Res* 26 : 809 - 815, 2002
243. Maekawa I, Satoh H, Aoki N, Morishita Y, Tsukamoto N, Karasawa M, Nonaka Y, Shiota M, Nojima Y, Mori S : Maintenance and characterization of an Epstein Barr virus-infected CD56-negative T cell lymphoma. *Jpn J Cancer Res* 93 : 61 - 69, 2002
244. Sakuraya H, Murakami H, Uchiumi H, Hatsumi N, Akiba T, Yokohama A, Matsushima T, Tsukamoto N, Morita K, Karasawa M, Ogawara H, Nojima Y : Steroid-refractory chronic idiopathic thrombocytopenic purpura associated with hepatitis C virus infection. *Eur J Haematol* 68 : 49 - 53, 2002
245. Yokohama A, Tsukamoto N, Hatsumi N, Suto M, Akiba T, H.Uchiumi, Maehara T, Matsushima T, Karasawa M, Murakami H, Shinonome S, Saito H, Nojima Y : Acute basophilic leukemia lacking basophil-specific antigens: the importance of cytokine receptor expression in differential diagnosis. *Int J Hematol* 75 : 309 - 313, 2002
246. Fujii T, Takata N, Kimura A : Change in viral DNA and mRNA burdens in peripheral blood mononuclear cells in a patient with HIV-1 after stopping anti-retroviral treatment. *J. AIDS Research* 4 : 104 - 107, 2002
247. Taniguchi K, Kobayashi M, Harada H, Hiraoka A, Tanihiro M, Takata N, Kimura A : Human neutrophil antigen-2a expression on neutrophils from healthy adults in western Japan. *Transfusion* 42 : 651 - 657, 2002
248. Katayama Y, Sakai A, Oue N, Asaoku H, Otsuki T, Shimomura T, Masuda R, Hino N, Takimoto Y, Imanaka F, Yasui W, Kimura A : A possible role of the loss of CD27-CD70 interaction in myelomagenesis. *Br J Haematol* 120 : 223 - 234, 2003
249. Matsumori M, Itoh H, Toyoshima I, Komatsuda A, Sawada K, Fukuda J, Tanaka T, Okubo A, Kinouchi H, Mizoi K, Hama T, Suzuki A, Hamada F, Otaka M, Shoji Y, Takada G : Characterization of the 105-kDa molecular Chaperone Identification, biochemical properties, and localization. *Eur J Biochem* 269 : 5632 - 5641, 2002
250. Koizumi K, Haseyama Y, Machino R, Y Sato, Sawada K, Koike T : Hemophagocytic syndrome (HPS) in prostatic cancer revealed by disseminated carcinosarcoma of the bone marrow. *J Urol* Vol, 168 : 1101 - 1102, 2002
251. Itoh H, Komatsuda A, Ohtani H, Wakui H, Imai H, Sawada K, Otaka M, Ogura M, Suzuki A, Hamada F : Mammalian HSP60 is quickly sorted into the mitochondria under conditions of dehydration. *Eur J Biochem*

269 : 5931-5938, 2002

252. Osawa M, Yamaguchi T, Nakamura Y, Kaneko S, Onodera A, Sawada K, A Jegalian, H Wu, Nakauchi H, Iwama A : Erythroid expansion mediated by Gfi-1B zinc finger protein : role in normal hematopoiesis. *Blood* 100 (8) : 2769 - 2777, 2002
253. W Xiao, Koizumi K, Nishio M, Endo T, Osawa M, Fujimoto K, Sato I, Sasaki T, Koike T, Sawada K : Tumor necrosis factor- α inhibits generation of glycophorin A+ cells by CD34+ cells. *Exp Hematol* 30 : 1238 - 1247, 2002
254. Goto H, Wakui H, Komatsuda A, Ohtani H, Imai H, Sawada K, Kobayashi R : Renal Alpha-Actinin-4 : Purification and Puromycin Aminonucleoside-Binding Property. *Nephron Exp Nephrol* ; 93 : e27 - e35, 2003
255. Oka T, Ouchida M, Koyama M, Ogama Y, Takada S, Nakatani Y, Tanaka T, Yoshino T, Hayashi K, Ohara N, Kondo E, Takahashi K, Tsuchiyama J, Tanimoto M, Shimizu K, Akagi T : Gene silencing of the tyrosine phosphatase SHP1 gene by aberrant methylation in leukemias/lymphomas. *Cancer Res* 62 : 6390 - 6394, 2002
256. Shibakura M, Niiya K, Kiguchi T, Nakata Y, Tanimoto M : Camptothecin induces urokinase-type plasminogen activator gene-expression in human RC-K8 malignant lymphoma and H69 small cell lung cancer cells. *Acta Med Okayama* 56 : 223 - 227, 2002
257. Emori Y, Sakugawa M, Niiya K, Kiguchi T, Kojima K, Takenaka K, Shinagawa K, Ishimaru F, Ikeda K, Tanimoto M, Yamasaki R, Ohara N, Harada M : Life-threatening bleeding and acquired factor V deficiency associated with primary systemic amyloidosis. *Blood Coagul Fibrinolysis* 13 : 555 - 559, 2002
258. Kawada K, Yonei T, Ueoka H, Kiura K, Tabata M, Takigawa N, Harada M, Tanimoto M : Comparison of chemosensitivity tests: clonogenic assay versus MTT assay. *Acta Med Okayama* 56 : 129 - 134, 2002
259. Kawai H, Kiura K, Tabata M, Yoshino T, Takata I, Hiraki A, Chikamori K, Ueoka H, Tanimoto M, Harada M : Characterization of non-small-cell lung cancer cell lines established before and after chemotherapy. *Lung Cancer* 35 : 305 - 314, 2002
260. Makita M, Hiraki A, Azuma T, Tsuboi A, Oka Y, Sugiyama H, Fujita S, Tanimoto M, Harada M, Yasukawa M : Antitumor effect of WT1-specific cytotoxic T lymphocytes. *Clin Cancer Res* 8 : 2626 - 2631, 2002
261. Shibakura M, Niiya K, Kiguchi T, Shinagawa K, Ishimaru F, Ikeda K, Namba M, Nakata Y, Harada M, Tanimoto M : Simultaneous induction of matrix metalloproteinase-9 and interleukin 8 by all-trans retinoic acid in human PL-21 and NB4 myeloid leukaemia cells. *Br J Haematol* 118 : 419 - 425, 2002

262. Yoshino T, Nakamura S, Suzumiya J, Niitsu N, Oshima K, Tsuchiyama J, Shinagawa K, Tanimoto M, Sadahira Y, Harada M, Kikuchi M, Akagi T : Expression of cutaneous lymphocyte antigen is associated with a poor outcome of nasal-type natural killer-cell lymphoma. *Br J Haematol* 118 : 482 - 487, 2002
263. Matsuo Y, Drexler HG, Kaneda K, Kojima K, Ohtsuki Y, Hara M, Yasukawa M, Tanimoto M, Orita K : Megakaryoblastic leukemia cell line MOLM-16 derived from minimally differentiated acute leukemia with myeloid/NK precursor phenotype. *Leuk Res* 27 : 165 - 171, 2003
264. Shibakura M, Niiya K, Kiguchi T, Kitajima I, Niiya M, Asami N, Huh NH, Nakata Y, Harada M, Tanimoto M : Induction of IL-8 and monocyte chemoattractant protein-1 by doxorubicin in human small cell lung carcinoma cells. *Int J Cancer* 103 : 380 - 386, 2003
265. Mizutani C, Tohyama Y, Miura Y, Hishita T, Nishihara T, Yamamura H, Ichiyama S, Uchiyama T, Tohyama K : Sustained activation of MEK1-ERK1/2 pathway in membrane skeleton occurs dependently on cell adhesion in megakaryocytic differentiation. *Biochem Biophys Res Commun* 297 : 664 - 671, 2002
266. Tohyama K, Shiga S, Fujimoto H, Hamaguchi Y, Ichiyama S : Automated analysis of differentiation-induced leukemic cells during all-trans retinoic acid therapy of acute promyelocytic leukemia. *Archiv Pathol Lab Med (web-issue)* 127 : e4 - e10, 2003
267. Kohda K, Kuga T, Kogawa K, Kanisawa Y, Koike K, Kuroiwa G, Hirayama Y, Sato Y, Matsunaga T, Niitsu Y : Effect of Helicobacter pylori eradication on platelet recovery in Japanese patients with chronic idiopathic thrombocytopenic purpura and secondary autoimmune thrombocytopenic purpura. *Br J Haematol* 118 : 584 - 588, 2002
268. Koike K, Kogawa K, Takayama T, Yoshizaki N, Muramatsu H, Nakamura K, Sakamaki S, Niitsu Y : Enhanced expression of type IV collagen binding protein (p29) in fyn-transfected murine fibrosarcoma cells. *Jpn J Cancer Res* 93 : 1090 - 1099, 2002
269. Matsumoto H, Sato Y, Azumi J, Kato J, Niitsu Y, Tamaki K : Role of endotoxin in NF- κ B activation by ethanol in rat hepatocytes. *Alcohol Clin Exp Res* 26 : 6s - 10s, 2002
270. Takahashi M, Sato T, Sagawa T, Lu Y, Sato Y, Iyama S, Yamada Y, Furukawa J, Takahashi S, Miyanishi K, Yamashita T, Sasaki K, Kogawa K, Hamada H, Kato J, Niitsu Y : E1B-55K-deleted adenovirus expressing E1A-13S by AFP-enhancer/promoter is capable of highly specific replication in AFP-producing hepatocellular carcinoma and eradication of established tumor. *Mol Ther* 5 : 627 - 634, 2002
271. Takimoto R, Maclachlan K.T, Dicker T.D, Niitsu Y, Mori T, El-Deiry S.W : BRCA1 transcriptionally regulates damaged DNA binding protein (DDB2) in the DNA repair response following UV-irradiation. *Cancer Biol Ther* 1 : 177 - 186, 2002

272. Doi T, Homma H, Mezawa S, Kato J, Kogawa K, Sakamaki S, Niitsu Y : Mechanisms for increment of platelet associated IgG and platelet surface IgG and their implications in immune thrombocytopenia associated with chronic viral liver disease. *Hepatol Res* 24 : 23 - 33, 2002
273. Hirayama Y, Sakamaki S, Matsunaga T, Kuroda H, Kusakabe T, Akiyama T, Kato J, Kogawa K, Koyama R, Nagai T, Ohta H, Niitsu Y : Granulocyte-colony stimulating factor enhances the Expression of Transforming growth factor-beta mRNA in CD4-positive peripheral blood lymphocytes in the donors for allogeneic peripheral blood stem cell transplantation. *Am J Hematol* 69 : 138 - 140, 2002
274. Kato J, Kobune M, Koshgo M, Fujikawa K, Takimoto R, Torimoto Y, Ito Y, Bessho M, Hotta T, Hikawa A, Fujii T, Kari Punnonen, Niitsu Y : Ratio of Transferrin (Tf) to Tf-Receptor Complex in Circulation Differs Depending on Tf Iron Saturation. *Clin Chem* 48 : 181, 2002
275. Matsuda A, Bessho M, Mori S, Takeuchi T, Abe T, Yawata Y, Mori H, Omine M, Nakamura Y, Furusawa S, Maeda T, Haginosita S, Hirasawa Y, Kinugasa E, Akizawa T, Kawakami N, Nagata A, Hirashima K : Diagnostic significance of serum soluble transferrin receptors in various anemic diseases : the first multi-institutional joint study in Japan. *Haematologia* 32 : 225 - 238, 2002
276. Murohashi I, Kashimura T, Tominaga K, Wakao D, Takahashi T, Akiba M, Kishimoto K, Yoshida K, Yagasaki F, Itoh Y, Sakata T, Kawai N, Itoh K, Suzuki T, Matsuda A, Hirashima K, Bessho M : Efficacy of carboplatin with an MEP(mitoxantrone, etoposide and prednisone) regimen for relapsed and CHOP-resistant diffuse large B-cell lymphomas. *Leuk Res* 26 : 229 - 234, 2002
277. Li C, Ando K, Kametani Y, Oki M, Shimamura K, Habu S, Kato S, Hotta T : Production of antigen specific human immunoglobulin in NOD/SCID mice reconstituted by cord blood CD34+ cells. *Exp Hematol* 30 : 1036 - 1043, 2002
278. Tamaki T, Akatsuka A, Ando K, Nakamura Y, Matsuzawa H, Hotta T : Roy RR, Edgerton VR. Identification of myogenic-endothelial progenitor cells in the interstitial spaces of skeletal muscle. *J Cell Biol*, 157 : 571 - 577, 2002
279. Yahata T, Ando K, Nakamura Y, Ueyama Y, Tamaoki N, Kato S, Hotta T : Functional human T lymphocytes development from cord blood CD34+ cells in NOD/Shi-scid, IL-2Rg null mice. *J Immunol* 169 : 204 - 209, 2002
280. 小峰光博 : 再生不良性貧血・溶血性貧血・不応性貧血・骨髓線維症:特定疾患介護ブック. 改訂第3版 株式会社社会保険出版社 53 - 56, 2002
281. 浦部晶夫 : ヘモグロビン、ヘマトクリット、赤血球数、赤血球指数、網赤血球数. *臨床医* 28 : 838 - 840, 2002

282. 浦部晶夫：血液の良性疾患. 内科 90：1042 - 1046, 2002
283. 浦部晶夫：血液疾患合併感染症Febrile neutropenia の病態. 最新医学 新しい診断と治療の ABC 5：23 - 27, 2002
284. 壹岐聖子、浦部晶夫：ベッドサイドでのクリニカルパスの応用——白血病. カレントセラピー 20：805 - 807, 2002
285. 浦部晶夫：貧血と紫斑病. 新・病気とからだの読本 5, 暮らしの手帖社（東京）：337 - 359, 2002
286. 松村 到、金倉 讓：シグナル伝達の異常と造血器腫瘍. 細胞 34：150 - 153, 2002
287. 松村 到、金倉 讓：血小板増多症. 総合臨床 2002 年増刊号：626 - 630, 2002
288. 松村 到、金倉 讓：白血球増多症. 総合臨床 2002 年増刊号：618 - 621, 2002
289. 伊藤薫樹、石田陽治：鉄 (Fe)、TIBC、トランスフェリン 検査値から読む病態と診断計画. 臨床医 28、中外医学社：1057 - 1059, 2002
290. 石田陽治：遺伝性球状赤血球症？どのような症例にいつ摘脾を行うか？36 - 41、EBM 血液疾患の治療（押味和夫、別所正美、岡本真一郎、加藤淳 編集）中外医学社：187 - 195, 2002
291. 大橋春彦、堀田知光：クロナリティの証明. 診断・治療法の進歩. 臨床医 28：2123 - 2125, 2002
292. 大橋春彦、堀田知光：クローン性の解析技術. これだけは知っておきたい遺伝子医学の基礎知識（編 本庶佑）、株式会社メディカルドゥ（大阪）：79 - 84, 2003
293. 木村昭郎：真性多血症. 新臨床内科学 第 8 版「高久史磨、尾形悦郎、黒川 清、矢崎義雄 監修」医学書院（東京）：1234 - 1236, 2002
294. 木村昭郎：本態性血小板血症. 新臨床内科学 第 8 版「高久史磨、尾形悦郎、黒川 清、矢崎義雄 監修」医学書院（東京）：1236 - 1237, 2002
295. 通山 薫：検査異常からみた血液疾患—2 系統以上の血球減少症・汎血球減少症から考えられる血液疾患. 血液フロンティア 12：21 - 28, 2002
296. 若尾大輔、川井信孝、桑山善夫、三角素弘、佐藤泰隆、島田恒幸、秋葉美樹、岸本国也、吉田勝彦、脇本直樹、高橋直樹、須賀原裕一、矢ヶ崎史治、伊藤善啓、坂田亨、鈴木利哉、松田晃、別所正美：著明な赤血球増加を呈した systemic capillary leak syndrome. 臨床血液 43：122 - 127, 2002
297. 別所正美：造血因子の臨床応用. 日本内科学会雑誌 91：229 - 235, 2002

298. 別所正美：鉄欠乏性貧血、慢性炎症に伴う貧血，リウマチ科 28 (4)：303 - 310, 2002
299. 別所正美：二次性貧血，今日の診断指針（編 亀山正邦、高久史磨）医学書院（東京）：1032 - 1034, 2002
300. 別所正美：貧血の鑑別法，血液疾患を探る（編 別所正美、金倉讓）永井書店（東京）：15 - 19, 2002
301. 別所正美：二次性貧血，今日の診断指針（編 山口徹、北原光夫）医学書院（東京）：437 - 434, 2003
302. 安藤 潔、堀田知光：クロナリティ，臨床検査 46：1315 - 1318, 2002
303. 川田浩志、安藤 潔、堀田知光：幹細胞の可塑性，臨床検査 46：367 - 374, 2002
- 304.* 檜沢大樹、石田陽治、井上洋西：TPA による白血病細胞株 U937 の単球分化における PKC δ 依存性の Akt1 の不活性化，第 64 回日本血液学会総会 N-PO-260 平成 14 年 9 月 13 日、横浜
- 305.* 内山倫宏、前沢千早、八嶋亜紀子、佐藤孝、石田陽治、元吉和夫、増田友之：IgH-consensus probe を用いた B 細胞リンパ腫における ASO RQ-CR 法の開発，第 64 回日本血液学会総会 N-PO-80 平成 14 年 9 月 13 日、横浜

厚生労働科学研究費補助金
特定疾患対策研究事業
特発性造血障害に関する調査研究班
平成14年度総括・分担研究報告書

発 行 平成15年3月31日

発行者 厚生労働科学研究費補助金
特定疾患対策研究事業
特発性造血障害に関する調査研究班
主任研究者 小峰 光博

事務局 ㊚227-8501 横浜市青葉区藤が丘1-30
昭和大学藤が丘病院内科血液
☎ 045-971-1151 (内線 6336)
Fax 045-973-8833

印 刷 城南印刷工業(株)
㊚143-0024 東京都大田区中央8-5-1
☎ 03-3752-3391
