

- administration of ganciclovir after allogeneic bone marrow transplantation. *Scand J Infect Dis* 2006; 38 (3): 227-228.
- 122) Matsushita M, Yamazaki R, Ikeda H, Mori T, Sumimoto H, Fujita T, Okamoto S, Ikeda Y, Kawakami Y.: Possible involvement of allogeneic antigens recognized by donor-derived CD4+ cytotoxic T cells in selective GVL effects after stem cell transplantation of patients with haematological malignancy. *Br J Haematol* 2006; 132 (1): 56-65.
- 123) Mori T., Aisa Y., Yokoyama A., Nakazato T., Yamazaki R., Shimizu T., Mihara A., Kato J., Watanabe R., Takayama N., Ikeda Y., Okamoto S.: Total body irradiation and granulocyte colony-stimulating factor-combined high-dose cytarabine as a conditioning regimen in allogeneic hematopoietic stem cell transplantation for advanced myelodysplastic syndrome: a single-institute experience. *Bone Marrow Transplantation* 39: 217-221, 2007.
- 124) Yoshida I, Matsuo K, Teshima T, Hashimoto D, Tanimoto Y, Harada M, Tanimoto M: Transient respiratory disturbance by granulocyte-colony-stimulating factor administration in healthy donors of allogeneic peripheral blood progenitor cell transplantation. *Transfusion* 46: 186-192, 2006
- 125) Tsukamoto H, Nagafuji K, Horiuchi T, Miyamoto T, Aoki K, Takase K, Henzan H, Himeji D, Koyoma T, Miyake K, Inoue Y, Nakashima H, Otsuka T, Tanaka Y, Nagasawa K, Harada M: A phase I - II trial of autologous peripheral blood stem cell transplantation in the treatment of refractory autoimmune disease. *Ann Rheum Dis* 65; 508-514, 2006
- 126) Kawano N, Shimoda K, Ishikawa F, Taketomi A, Yoshizumi T, Shimoda S, Yoshida S, Uozumi K, Shinsuke S, Maehara Y, Harada M: ATL development from an HTLV-I carrier after a living-donor liver transplantation. *Transplantation* 82; 840-843, 2006
- 127) Tanimoto K, Sekifuchi N, Yokota Y, Kaneko A, Watanabe T, Maeshima AM, Matuno Y, Harada M, Tobinai K, Kobayashi Y: Fluorescence in situ hybridization (FISH) analysis of primary ocular adnexal MALT lymphoma. *BMC Cancer* 6:249, 2006 (online journal)
- 128) 平安山知子、宮本敏浩、和泉賢一、沼田晃彦、亀崎健次郎、山崎聡、清島久美、宮本京子、橋本大吾、岩崎潤子、岩崎浩己、長藤宏司、原田実根、稲葉頌一、豊嶋崇徳、赤司浩一: 血液型不適合移植での COBE Spectra を用いた骨髄濃縮法の検討、日本輸血細胞治療学会誌 52:693-697, 2007
- 129) Ken-ichi Matsuoka K, Tatsuo Ichinohe, Daigo Hashimoto, Shoji Asakura, Mitsune Tanimoto, Takanori Teshima. Fetal tolerance to maternal antigens improves the outcome of allogeneic bone marrow transplantation by CD4+CD25+ T-cell-dependent mechanism. *Blood* 2006;107:404-409.
- 130) Teshima T, Matsuoka K, Ichinohe T: Impact of fetal-maternal tolerance in hematopoietic stem cell transplantation. *Arch*

- Immunol Ther Exp (Warsz). 2006;54:165-172.
- 131) Arimoto K, Kadowaki N, Ishikawa T, Ichinohe T, Uchiyama T. : FOXP3 expression in peripheral blood rapidly recovers and lacks correlation with the occurrence of graft-versus-host disease after allogeneic stem cell transplantation. *Int J Hematol.* 2007;85:154-62.
- 132) 一戸辰夫 : HLA 不一致移植における NIMA 効果の意義 . *臨床血液* . 2006;47:618-625.
- 133) Koga SY, Kumaki S, Ichinohasama R, Munakata M, Haginoya K, Ohashi Y, Tanaka Y, Sakamoto O, Minegishi M, Morio T, Iinuma K, Tsuchiya S. The First Infant Case With Hepatosplenic gammadelta T-cell Lymphoma After Acute Disseminated Encephalomyelitis (ADEM)-like Exacerbation. *J Pediatr Hematol Oncol.* 28:741-45, 2006.
- 134) Minegishi Y, Saito M, Morio T, Watanabe K, Agematsu K, Tsuchiya S, Takada H, Hara T, Kawamura N, Ariga T, Kaneko H, Kondo N, Tsuge I, Yachie A, Sakiyama Y, Iwata T, Bessho F, Ohishi T, Joh K, Imai K, Kogawa K, Shinohara M, Fujieda M, Wakiguchi H, Pasic S, Abinun M, Ochs HD, Renner ED, Jansson A, Belohradsky BH, Metin A, Shimizu N, Mizutani S, Miyawaki T, Nonoyama S, Karasuyama H. Human tyrosine kinase 2 deficiency reveals its requisite roles in multiple cytokine signals involved in innate and acquired immunity. *Immunity.* 25: 745-55, 2006.
- 135) Watanabe S., Terashima K, Ohta S, Horibata S, Yajima M, Shiozawa Y, Dewan Md Z, Yu Z, Ito M, Morio T, Shimizu N, Honda M, and Yamamoto N. Hematopoietic Stem Cell-Engrafted NOD/SCID/ IL2R $\alpha$ null Mice Develop Human Lymphoid System and Induce Long-Lasting HIV-1 Infection with Specific Humoral Immune Responses. *Blood* 109(1): 212-28, 2007.
- 136) Ohnuma-Ishikawa K, Morio T, Yamada T, Sugawara Y, Ono M, Nagasawa M, Yasuda A, Morimoto C, Ohnuma K, Dang NH, Hosoi H, Verdin E, and Mizutani S. Knockdown of XAB2 enhances All-Trans Retinoic Acid-Induced Cellular Differentiation in All-Trans Retinoic Acid-Sensitive and -Resistant Cancer Cells. *Cancer Research.* 67(3):1019-29, 2007.
- 137) Nagasawa M. Isoda T. Itoh S. Kajiwara M. Morio T. Shimizu N. Ogawa K. Nagata K. Nakamura M. Mizutani S. Analysis of serum granulysin in patients with hematopoietic stem-cell transplantation: its usefulness as a marker of graft-versus-host reaction. *Am. J. Hematol.* 81: 340-8, 2006
- 138) Tsuji Y. Imai K. Kajiwara M. Aoki Y. Isoda T. Tomizawa D. Imai M. Ito S. Maeda H. Minegishi Y. Ohkawa H. Yata J. Sasaki N. Kogawa K. Nagasawa M. Morio T. Nonoyama S. Mizutani S. Hematopoietic stem cell transplantation for 30 patients with primary immunodeficiency diseases: 20 years experience of a single team. *Bone Marrow Transplant.* 37: 469-77, 2006.
- 139) Sugita S, Shimizu N, Kawaguchi T, Akao N, Morio T, Mochizuki M Identification of human herpesvirus 6 variant A in a patient with unilateral panuveitis.. *Archives of Ophthalmology*, in press.
- 140) 森尾友宏 : ヘルペスウイルス学 基

- 礎・臨床研究の進歩 EBV 感染症の治療  
日本臨床 64 (増刊 3) pp673-677, 2006
- 141) Torikai H, Akatsuka Y, Miyazaki M, et al.  
The human cathepsin H gene encodes two novel minor histocompatibility antigen epitopes restricted by HLA-A\*3303. *Br J Haematol.* 134:406-16, 2006
- 142) Akatsuka Y, Torikai H, Inamoto Y, et al.  
Bone marrow may be a reservoir of Long-Lived memory T cells specific for minor histocompatibility antigen Br J Haematol. 135:413-414, 2006
- 143) Naota H, Miyahara Y, Okumura S, Kuzushima K, Akatsuka Y, et al.  
Generation of peptide-specific CD8<sup>+</sup> T cell by phytohemagglutinin-stimulated antigen-mRNA-transduced CD4<sup>+</sup>T cells. *J Immunol methods.* 314:54-66, 2006.
- 144) Torikai H, Akatsuka Y, (equal contribution), Miyauchi H, et al.  
The HLA-A\*0201-restricted minor histocompatibility antigen HA-1H peptide can also be presented by another HLA-A2 subtype, A\*0206. *Bone Marrow Transplant.* (in press)
- 145) Torikai H, Akatsuka Y, Miyazaki M, Tsujimura A, Yatabe Y, Kawase T, Nakao Y, Tsujimura K, Motoyoshi K, Morishima Y, Kodera Y, Kuzushima K, Takahashi T.  
The human cathepsin H gene encodes two novel minor histocompatibility antigen epitopes restricted by HLA-A\*3101 and -A\*3303. *Br J Haematol.* 2006 134:406-416.
- 146) Ito Y, Kondo E, Demachi-Okamura A, Akatsuka Y, Tsujimura K, Tanimoto M, Morishima Y, Takahashi T, Kuzushima K.  
Three immunoproteasome-associated subunits cooperatively generate a cytotoxic T-lymphocyte epitope of Epstein-Barr virus LMP2A by overcoming specific structures resistant to epitope liberation. *J Virol.* 2006 80:883-890.
- 147) Demachi A, Ito Y, Akatsuka Y, Tsujimura K, Morishima Y, Takahashi T and Kuzushima K.  
Induction of Epstein-Barr virus (EBV)-encoded latent membrane protein 1-specific cytotoxic T lymphocytes with mRNA-transduced antigen presenting cells targeting EBV-carrying natural killer cell malignancies. *Eur J Immunol.* 2006 36:593-602.
- 148) Suzuki T, Yokoyama Y, Kumano K, Takahashi M, Kozuma S, Takato T, Nakahata T, Nishikawa M, Sakano S, Kurokawa M, Ogawa S, Chiba S.  
Highly efficient ex vivo expansion of human hematopoietic stem cells using Delta1-Fc chimeric protein. *Stem Cells* 24:2456-65, 2006.
- 149) Sanada M, Uike N, Ohyashiki K, Ozawa K, Lili W, Hangaishi A, Kanda Y, Chiba S, Kurokawa M, Omine M, Mitani K, and Ogawa S.  
Unbalanced translocation der(1;7)(q10;p10) defines a unique clinicopathological subgroup of myeloid neoplasms. *Leukemia*, in press
- 150) Nakagawa M, Ichikawa M, Kumano K, Goyama S, Kawazu M, Asai T, Ogawa S, Kurokawa M, Chiba S.  
AML1/Runx1 rescues Notch1-Null mutation-induced deficiency of para-aortic splanchnopleural hematopoiesis. *Blood* 108:3329-34, 2006.
- 151) Hosoya N, Sanada M, Nannya Y, Nakazaki K, Wang L, Hangaishi A, Kurokawa M,

- Chiba S, Ogawa S Genomewide screening of DNA copy number changes in chronic myelogenous leukemia with the use of high-resolution array-based comparative genomic hybridization. *Genes Chromosomes Cancer*;45:482-94, 2006
- 152) 池原進 ; 新しい骨髄移植法 : ヒトへの応用を目指して、移植、41 ; 95□100、2006
- 153) 池原進 ; 難病の革新的治療法—移植と再生を利用して—、臨床血液 47 ; 439□444、2006
- 154) Adachi Y, Oyaizu H, Taketani S, Minamino K, Yamaguchi K, Shultz LD, Iwasaki M, Tomita M, Suzuki Y, Nakano K, Koike Y, Yasumizu R, Sara M, Hiramana N, Kubota I, Fukuhara S, and Ikehara S: Treatment and transfer of emphysema by a new bone marrow transplantation method from normal mice to Tsk mice and vice versa. *Stem Cells* 24: 2071-2077, 2006.
- 155) Takada K, Inaba M, Ichioka N, Ueda Y, Taira M, Baba S, Mizokami T, Wang X, Hisha H, Iida H, and Ikehara S: Treatment of senile osteoporosis in SAMP6 mice by intra-bone marrow injection of allogeneic bone marrow cells. *Stem Cells* 24:399-405, 2006.
- 156) Baba S, Iwai H, Inaba M, Kawamoto K, Omae M, Yamashita T, and Ikehara S: Transfer of accelerated presbycusis by transplantation of bone marrow cells from scence-accelerated mice.*Brain,Res.* 1120;93-99, 2006.
- 157) Koike Y, Adachi Y, Suzuki Y, Iwasaki M, Koike-Kiryama N, Minamino K, Nakano K, Mukaide H, Shigematsu A, Kiyozuka Y, Tubura A, Kamiyama Y, and Ikehara S: Allogeneic intra-bone marrow — bone transplantation plus donor lymphocyte infusion suppresses growth of colon cancer cells implanted in skin and liver of rats. *Stem Cells* 25;385-391,2007.
- 158) 59.Ueda Y, Inaba M, Takada K, Fukui J, Sakaguchi Y, Tsuda M, Kushida T, Iida H, and Ikehara S; Induction of senile osteoporosis in normal mice by intra-bone marrow-bone marrow transplantation from osteoporosis-prone mice. *Stem Cells* In press.
- 159) Morishima Y, Ogura M, Yoneda S, Sakai H, Tobinai K, Nishiwaki Y, Minami H, Hotta T, Ezaki K, Ohe Y, Yokoyama A, Tsuboi M, Mori K, Watanabe K, Ohashi Y, Hirashima K, Saijo N; Japan Erythropoietin Study Group. Once-weekly epoetin-beta improves hemoglobin levels in cancer patients with chemotherapy-induced anemia: A randomized, double-blind, dose-finding study. *Jpn J Clin Oncol.* 2006 Oct;36(10):655-61.
- 160) Hsu KC, Gooley T, Malkki M, into-Agnello C, Dupont B, Bignon JD, Bornhauser M, Christiansen F, Gratwohl A, Morishima Y, Oudshoorn M, Ringden O, van Rood JJ, Petersdorf E; International Histocompatibility Working Group. KIR ligands and prediction of relapse after unrelated donor hematopoietic cell transplantation for hematologic malignancy. *Biol Blood Marrow Transplant.* 2006 Aug;12(8):828-36.
- 161) Suguro M, Tagawa H, Kagami Y, Okamoto M, Ohshima K, Shiku H, Morishima Y, Nakamura S, Seto M. Expression profiling

- analysis of the CD5+ diffuse large B-cell lymphoma subgroup: development of a CD5 signature. *Cancer Sci.* 2006 Sep;97(9):868-74.
- 162) Fukuhara N, Tagawa H, Kameoka Y, Kasugai Y, Karnan S, Kameoka J, Sasaki T, Morishima Y, Nakamura S, Seto M. Characterization of target genes at the 2p15-16 amplicon in diffuse large B-cell lymphoma. *Cancer Sci.* 2006 Jun;97(6):499-504.
- 163) Ogura M, Morishima Y, Kagami Y, Watanabe T, Itoh K, Igarashi T, Hotta T, Kinoshita T, Ohashi Y, Mori S, Terauchi T, Tobinai K. Randomized phase II study of concurrent and sequential rituximab and CHOP chemotherapy in untreated indolent B-cell lymphoma. *Cancer Sci.* 2006 Apr;97(4):305-12.
- 164) Oshiro A, Tagawa H, Ohshima K, Karube K, Uike N, Tashiro Y, Utsunomiya A, Masuda M, Takasu N, Nakamura S, Morishima Y, Seto M. Identification of subtype-specific genomic alterations in aggressive adult T-cell leukemia/lymphoma. *Blood.* 2006 Jun 1;107(11):4500-7.
- 165) Morishima Y, Yabe T, Matsuo K, Kashiwase K, Inoko H, Saji H, Yamamoto K, Maruya E, Akatsuka Y, Onizuka M, Sakamaki H, Sao H, Ogawa S, Kato S, Juji T, Sasazuki T, Koderu Y; Japan Marrow Donor Program. Effects of HLA Allele and Killer Immunoglobulin-Like Receptor Ligand Matchin on Clinical Outcome in Leukemia Patients Undergoing Transplantation With T-cell-Replete Marrow From an Unrelated Donor. *Biol Blood Marrow Transplant.* 2007 Mar;13(3):315-28.
- 166) Yamada K, Takahashi M, Ogura M, Kagami Y, Taji H, Kamiya Y, Sugiura H, Morishima Y. High-dose chemotherapy and autologous peripheral blood stem cell transfusion for adult and adolescent patients with small round cell sarcomas. *Bone Marrow Transplant.* 2007 Mar 5; [Epub ahead of print]
- 167) Ito Y, Demachi-Okamura A, Ohta R, Akatsuka Y, Nishida K, Tsujimura K, Morishima Y, Takahashi T, Kuzushima K. Full-length EBNA1 mRNA-transduced dendritic cells stimulate cytotoxic T lymphocytes recognizing a novel HLA-Cw\*0303- and -Cw\*0304-restricted epitope on EBNA1-expressing cells. *J Gen Virol.* 2007 Mar;88(Pt 3):770-80.
- 168) Mizuta S, Kohno A, Morishita Y, Atsuta Y, Sao H, Miyamura K, Sakamaki H, Ueda R, Morishima Y. Long-term Follow-up of 14 Patients with Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia following Autologous Bone Marrow Transplantation in First Complete Remission. *Int J Hematol.* 2007 Feb;85(2):140-5.
- 169) Kikuchi T, Naruse TK, Onizuka M, Li S, Kimura T, Oka A, Morishima Y, Kulski JK, Ichimiya S, Sato N, Inoko H. Mapping of susceptibility and protective loci for acute GVHD in unrelated HLA-matched bone marrow transplantation donors and recipients using 155 microsatellite markers on chromosome 22. *Immunogenetics.* 2007 Feb;59(2):99-108.

- 170) Morishima S, Akatsuka Y, Nawa A, Kondo E, Kiyono T, Torikai H, Nakanishi T, Ito Y, Tsujimura K, Iwata K, Ito K, Kodera Y, Morishima Y, Kuzushima K, Takahashi T. Identification of an HLA-A24-restricted cytotoxic T lymphocyte epitope from human papillomavirus type-16 E6: the combined effects of bortezomib and interferon-gamma on the presentation of a cryptic epitope. *Int J Cancer*. 2007 Feb 1;120(3):594-604.
- 171) Akatsuka Y, Torikai H, Inamoto Y, Tsujimura K, Morishima Y, Kodera Y, Kuzushima K, Takahashi T. Bone marrow may be a reservoir of long-lived memory T cells specific for minor histocompatibility antigen. *Br J Haematol*. 2006 Oct;135(3):413-4.
- 172) Torikai H, Akatsuka Y, Miyazaki M, Tsujimura A, Yatabe Y, Kawase T, Nakao Y, Tsujimura K, Motoyoshi K, Morishima Y, Kodera Y, Kuzushima K, Takahashi T. The human cathepsin H gene encodes two novel minor histocompatibility antigen epitopes restricted by HLA-A\*3101 and -A\*3303. *Br J Haematol*. 2006 Aug;134(4):406-16.
- 173) Nakanishi K, Inoko H: Combination of HLA-A24, -DQA1\*03, and -DR9 contributes to acute-onset and early complete  $\beta$ -cell destruction in type 1 diabetes: longitudinal study of residual  $\beta$ -cell function. *Diabetes* 55: 1862-1868, 2006.
- 174) Masako Shimada, Makoto Onizuka, Shinichiro Machida, Rikio Suzuki, Minoru Kojima, Koichi Miyamura, Yoshihisa Kodera, Hidetoshi Inoko, Kiyoshi Ando. Association of autoimmune disease-related gene polymorphisms with chronic graft-versus-host disease. *Br J Haematol*, in press
- 175) Kawashima M, Tamiya G, Oka A, Hohjoh H, Juji T, Ebisawa T, Honda Y, Inoko H, Tokunaga K: Genomewide association analysis of human narcolepsy and a new resistance gene. *Am J Hum Genet* 79: 252-263, 2006.
- 176) Ikewaki I, Kulski JK, Inoko H: Regulation of CD93 cell surface expression by protein kinase C isoenzyme. *Microbiol Immunol* 50: 93-103, 2006.
- 177) Yabe T, Matsuo K, Hirayasu K, Kashiwase K, Kawamura-Ishii S, Tanaka H, Ogawa A, Takanashi M, Satake M, Nakajima K, Tokunaga K, Inoko H, Saji H, Ogawa S, Juji T, Sasazuki T, Kodera Y and Morishima Y for the Japan Marrow Donor Program. Donor killer immunoglobulin-like receptor (*KIR*) genotype and anti-thymocyte globulin (ATG) pre-administration are critical factors in outcome of HLA-C-KIR ligand mismatched T cell-replete unrelated bone marrow transplantation. (投稿中)
- 178) Hirayasu K, Ohashi J, Kashiwase K, Takanashi M, Satake M, Tokunaga K, and Yabe T. Long-term persistence of both functional and non-functional alleles at the leukocyte immunoglobulin-like receptor A3 (*LILRA3*) locus suggests balancing selection. *Human Genetics* 119 : 436-43, 2006.
- 179) Hirayasu K, Ohashi J, Kashiwase K, Takanashi M, Satake M, Tokunaga K, Yabe T. Long-term persistence of both functional and non-functional alleles at the leukocyte immunoglobulin-like receptor A3 (*LILRA3*) locus suggests balancing selection. *Human*

- Genetics.2006;119:436-43
- 180) Miyashita R, Tsuchiya N, Yabe T, Kobayashi S, Hashimoto H, Ozaki S and Tokunaga K. Association of killer cell immunoglobulin-like receptor (KIR) genotypes with microscopic polyangiitis. *Arthritis & Rheumatism* 2006;54:992-7. 82.
- 181) Adachi T, Matsushita T, Ichihashi R, Hirashima K, Ito M, Inukai A, Yokozawa T, Nishida T, Murata M, Hayashi M, Katsumi A, Kojima T, Saito H, Naoe T. Titer of ADAMTS13 inhibitor associated with thrombotic microangiopathy of the gut and skeletal muscle after allogeneic hematopoietic stem cell Transplantation. *Int. J Hematol.*83(5):415-419(2006)
- 182) Suzuki M, Abe A, Kiyoi H, Murata M, Ito Y, Shimada K, Morishita Y, Kinoshita T, Naoe T, Mutations of N-RAS, FLT3 and p53 genes are not involved in the development of acute leukemia transformed from myeloproliferative diseases with JAK2 mutation. *leukemia*,20(6):1168-1169(2006)
- 183) Yanada M, Kiyoi H, Terakura S, Murata M, Suzuki M, Iwai M, Yokozawa T, Baba H, Emi N, Naoe T, Micafungin, a novel antifungal agent, as empirical therapy in acute Leukemia patients with febrile neutropenia. *Internal Med*,45(5):259-264(2006)
- 184) Terakura S, Murata M, Warren EH, Sette A, Sidney J, Naoe T, Riddell SR, A single minor histocompatibility antigen encoded by UGT2B17 and presented by HLA-A \*2902 and B\*4403. *transplantation*, in press.
- 185) Narimatsu H, Murata M, Sugimoto K, Terakura S, Kinoshita T, Naoe T, Successful umbilical cord blood transplantation using a reduced-intensity preparative regimen without total body irradiation and tacrolimus plus methotrexate for prophylaxis of graft-versus-host disease in a patient with adult T-cell leukemia/lymphoma. *Leukemia lymphoma*, in press.
- 186) Narimatsu H, Terakura S, Matsuo K, Oba T, Uchida T, Iida H, Hamaguchi M, Watanabe M, Kohno A, Murata M, Sawa M, Miyamura K, Morishita Y, for the Nagoya Blood and Marrow Transplantation Group (NBMTG). Short-term methotrexate could reduce early immune reactions and improve outcomes in umbilical cord blood transplantation for adults. *Bone Marrow Transpl.* 39(1):31-39(2007)
- 187) Ishiguro H, Yasuda Y, Tomita Y,, Shinagawa T, Shimizu T, Morimoto T, Hattori K, Matsumoto M, Inoue H, Yabe H, Yabe M, Shinohara O, Kato S. Gonadal shielding to irradiation is effective in protecting testicular growth and function in the long term surviving male recipients who have undergone bone marrow transplantation during childhood or adolescence. *Bone Marrow Transplantation* 2007 in press.
- 188) Kobayashi R, Ariga T, Nonoyama S, Kanegane H, Tsuchiya S, Morio T, Yabe H, Nagatoshi Y, Kawa K, Tabuchi K, Tsuchida M, Miyawaki T, Kato S. Outcome in patients with Wiskott-Aldrich syndrome following stem cell transplantation: an analysis of 57 patients in Japan. *British Journal of Haematology*, 2006:135:362-6.

- 190) Muguruma Y, Yahata T, Miyatake H, Sato T, Uno T, Itho J, Itho M, Kato S, Hotta T, Ando K. Reconstitution of the functional human hematopoietic microenvironment derived from human mesenchymal stem cells in the murine bone marrow compartment. *Blood*, 2006; 107:1878-1887.
- 191) Akiyama H, Hara M, Hino M, Sao H, Hoshi Y, Ohto H, Kai S. Second donation of bone marrow: results from the Japan Marrow Donor Program (JMDP). *Bone Marrow Transplant* 2006;37:795-6
- 192) Yanada M, Takeuchi J, Sugiura I, Akiyama H, Usui N, Yagaski F, Kobayashi T, Ueda Y, Takeuchi M, Miyawaki S, Maruta A, Emi N, Miyazaki Y, Ohtake S, Jinnai I, Matsuo K, Naoe T, Ohno R. High complete remission rate and promising outcome by combination of imatinib and chemotherapy for newly diagnosed BCR-ABL-positive acute lymphoblastic leukemia: a phase II study by Japan Adult Leukemia Study Group. *J Clin Oncol* 2006;24:460.
- 193) Kobayashi R, Ariga T, Nonoyama S, Kanegane H, Tsuchiya S, Morio T, Yabe H, Nagatoshi Y, Kawa K, Tabuchi K, Tsuchida M, Miyawaki T, Kato S. Outcome in patients with Wiskott-Aldrich syndrome following stem cell transplantation: an analysis of 57 patients in Japan. *Br. J. Haematol.* 135(3):362-66, 2006.
- 194) Kobayashi R, Yabe H, Hara J, Morimoto A, Tsuchida M, Mugishima H, Ohara A, Tsukimoto I, Kato K, Kigasawa H, Tabuchi K, Nakahata T, Ohga S, Kojima S; the Japan Childhood Aplastic Anemia Study Group. Preceding immunosuppressive therapy with antithymocyte globulin and ciclosporin increases the incidence of graft rejection in children with aplastic anaemia who underwent allogeneic bone marrow transplantation from HLA-identical siblings. *Br J Haematol.* 2006 Dec;135(5):693-6. Epub 2006 Oct 19.
- 195) Yamagata K, Onizawa K, Yoshida H, Yamagata K, Kojima Y, Koike K, Tsuchida M. Dental management of pediatric patients undergoing hematopoietic stem cell transplant. *Pediatr Hematol Oncol.* 2006 Oct-Nov;23(7):541-8.
- 196) Yabe H, Inoue H, Matsumoto M, Hamanoue S, Koike T, Ishiguro H, Koike H, Uzuki K, Kato S, Kojima S, Tsuchida M, Mori T, Adachi S, Tsuji K, Koike K, Morimoto A, Sako M, Yabe M. Allogeneic haematopoietic cell transplantation from alternative donors with a conditioning regimen of low-dose irradiation, fludarabine and cyclophosphamide in Fanconi anaemia. *Br J Haematol.* 2006 Jul;134(2):208-12.
- 197) Ozawa S, Nakaseko C, Nishimura M, Maruta A, Cho R, Ohwada C, Sakamaki H, Sao H, Mori S, Okamoto S, Miyamura K, Kato S, Kawase T, Morishima Y, Koderu Y, for the Japan Marrow Donor: Chronic graft-versus-host disease after allogeneic bone marrow transplantation from an unrelated donor: incidence, risk factors and association with relapse. A report from the Japan Marrow Donor Program. *Br J Haematol.* 137(2): 142-151. 2007.4
- 198) Tokunaga M, Miyamura K, Ohashi H,



- Ishiwada N, Terakura S, Ikeguchi M, kuwasuka Y, Inamoto Y, Oba T, Tsuchiya S, Kodera Y: Successful nonmyeloablative bone marrow transplantation for leukocyte adhesion deficiency type I from an unrelated donor. *International Journal of Hematology*. 86(1): 91-95. 2007.7
- 199) Torikai H, Akatsuka Y, Miyauchi H, Terakura S, Onizuka M, Tsujimura K, Miyamura K, Morishima Y, Kodera Y, Kuzushima K, Takahashi T: The HLA-A\*0201-restricted minor histocompatibility antigen HA-1H peptide can also be presented by another HLA-A2 subtype, A\*0206. *Bone Marrow Transplant*. 40(2): 165-174. 2007.7
- 200) Terakura S, Azuma E, Murata M, Kumamoto T, Hirayama M, Atsuta Y, Kodera Y, Yazaki M, Naoe T, Kato K: Hematopoietic engraftment in recipients of unrelated donor umbilical cord blood is affected by the CD32+ and CD8+ cell doses. *Bone Marrow Transplant* 13(7): 822-830 2007.7
- 201) Akatsuka Y, Morishima Y, Kuzushima K, Kodera Y, Takahashi T: Minor histocompatibility antigens as targets for immunotherapy using allogeneic immune reactions. *Cancer Sci*. 98(8): 1139-1146. 2007.8
- 202) Kawase T, Akatsuka Y, Torikai H, Morishima S, Oka A, Tsujimura A, Miyazaki M, Tsujimura K, Miyamura K, Ogawa S, Inoko H, Morishima Y, Kodera Y, Kuzushima K, Takahashi T: Alternative splicing due to an intronic SNP in HMSD generates a novel minor histocompatibility antigen. *Blood*. 110(3): 1055-1063. 2007.8
- 203) Kawase T, Morishima Y, Matsuo K, Kashiwase K, Inoko H, Saji H, Kato S, Juji T, Kodera Y, Sasazuki T, for the Japan Marrow Donor Program: High-risk HLA allele mismatch combinations responsible for severe acute graft-versus-host disease and implication for its molecular mechanism. *Blood*. 110(7): 2235-2241. 2007.10
- 204) Shimada M, Onizuka M, Machida S, Suzuki R, Kojima M, Miyamura K, Kodera Y, Inoko H, Ando K: Association of autoimmune disease-related gene polymorphisms with chronic graft-versus-host disease. *British journal of haematology*. 139(3):458-463. 2007.11
- 205) Murase T, Yamaguchi M., Suzuki R., Okamoto M., Sato Y., Tamaru J., Mori N., Yoshino T. and Nakamura S. on behalf of the refractory lymphoma study group in Japan: Intravascular large B-cell lymphoma (IVLBCL): a clinicopathologic study of 96 cases with special reference to the immunophenotypic heterogeneity of CD5. *Blood* 109 (2): 478-485, 2007
- 206) Narimatsu H., Ota Y., Kami M., Takeuchi K., Suzuki R., Matsuo K., Matsumura T., Yuji K., Kishi Y., Hamaki T., Sawada U., Miyata S., Sasaki T., Tobinai K., Kawabata M., Atsuta Y., Tanaka Y., Ueda R. and Nakamura S.: Clinicopathological features of pyothorax-associated lymphoma; a retrospective survey involving 98 patients. *Ann Oncol* 18 (1): 122-128, 2007
- 207) Inamoto Y., Nishida T., Suzuki R., Miyamura K., Sao H., Iida H., Naoe T.,

- Maruyama F., Hirabayashi N., Hamaguchi M., Iseki T., Kami M., Yano K., Takeyama H., Morishita Y., Morishima Y. and Kodera Y.: Significance of additional high-dose cytarabine in combination with cyclophosphamide plus total body irradiation regimen for allogeneic stem cell transplantation. *Bone Marrow Transplant* 39 (1): 25-30, 2007
- 208) Asano N., Suzuki R., Matsuo K., Kagami Y., Ishida F., Tamaru J.-I., Jin G.-S., Sato Y., Shimoyama Y., Yoshino T., Morishima Y. and Nakamura S.: Cytotoxic molecule expression is predictive of prognosis in Hodgkin's-like anaplastic large cell lymphoma. *Histopathol* 50 (6): 705-715, 2007
- 209) Li C., Takino H., Eimoto T., Ishida T., Inagaki A., Ueda R., Suzuki R., Yoshino T., Nakagawa A., Nakamura S. and Inagaki H.: Prognostic significance of NPM-ALK fusion transcript overexpression in ALK-positive anaplastic large cell lymphoma. *Mod Pathol* 20 (6): 648-655, 2007
- 210) Tamaru J.-I., Tokuhira M., Niitsu N., Nakamura S., Ichinohasama R., Suzuki R., Mori H., Takagi T., Suzuki T., Itami J., Itoyama S. and Mikata I.: Hodgkin-like anaplastic large cell lymphoma (previously designated in the REAL classification) has same immunophenotypic features to classical Hodgkin lymphoma. *Leuk Lymphoma* 48 (6): 1127-1138, 2007
- 211) Saito A.M., Kami M., Mori S.-I., Kanda Y., Suzuki R., Mineishi S., Takami A., Taniguchi S., Takemoto Y., Hara M., Yamaguchi M., Hino M., Yoshida T., Kim S.-W., Hori A., Ohashi Y. and Takaue Y.: A prospective phase II trial to evaluate the complications and kinetics of chimerism induction following allogeneic hematopoietic stem cell transplantation with fludarabine and busulfan. *Am J Hematol* 82 (10): 873-880, 2007
- 212) Oyama T., Yamamoto K., Asano N., Oshiro A., Suzuki R., Kagami Y., Morishima Y., Takeuchi K., Izumo T., Mori S., Ohshima K., Suzumiya J., Nakamura N., Abe M., Ichimura K., Sato Y., Yoshino T., Naoe T., Shimoyama Y., Kamiya Y., Kinoshita T. and Nakamura S.: Age-related EBV-associated B-cell lymphoproliferative disorders constitute a distinct clinicopathologic group: a study of 96 patients. *Clin Cancer Res* 13 (17): 5124-5132, 2007
- 213) Atsuta Y., Suzuki R., Yoshimi A., Gondo H., Tanaka J., Hiraoka A., Kato K., Tabuchi K., Tsuchida M., Morishima Y., Mitamura M., Kawa K., Kato S., Nagamura T., Takanashi M. and Kodera Y.: Unification of hematopoietic stem cell transplant registries in Japan and establishment of the TRUMP system. *Int J Hematol* 86 (3): 269-274, 2007
- 214) Oba T., Suzuki R., Miyamura K. and Kodera Y.: Huge mass of cutaneous-type adult T-cell leukemia which responded to interferon gamma. *Intern Med* 46 (3): 147, 2007
- 215) Inamoto Y., Suzuki R., Kuwatsuka Y., Yasuda T., Takahashi T., Tsujimura A., Sugimoto K., Oba T., Terakura S., Atsuta Y., Murata M., Ito M., Kodera Y. and Miyamura K.: Long-term outcome after bone marrow transplantation for aplastic anemia using cyclophosphamide and total lymphoid

- irradiation as conditioning regimen. *Biol Blood Marrow Transplant* 14 (1): 43-49, 2008
- 216) Nomura Y., Karube K., Suzuki R., Ying G., Takeshita M., Hirose S., Nakamura S., Yoshino T., Kikuchi M. and Ohshima K.: High-grade mature B-cell lymphoma with Burkitt-like morphology: results of a clinicopathologic study of 72 Japanese patients. *Cancer Sci* 99 (2): 246-252, 2008
- 217) Narimatsu H., Yokozawa T., Iida H., Tsuzuki M., Hayakawa M., Takeo T., Iino M., Ichihashi T., Kato C., Sawamoto A., Sao H., Yanada M., Emi N., Kiyoi H., Yamaguchi T., Naoe T., Suzuki R. and Sugiura I.: Clinical characteristics and outcomes in patients with t(8;21) acute myeloid leukemia in Japan. *Leukemia* 22 (2): 428-432, 2008
- 218) Yamaguchi M., Suzuki R., Kwong Y.-L., Kim W.S., Hasegawa Y., Izutsu K., Suzumiya J., Okamura T., Nakamura S., Kawa K. and Oshimi K.: Phase I study of SMILE chemotherapy for advanced-stage or relapsed/refractory extranodal NK/T-cell lymphoma/leukemia. *Cancer Sci* 2008 (in press)
- 219) Suzuki R., Takeuchi K., Ohshima K. and Nakamura S.: Extranodal NK/T-cell lymphoma: diagnosis and treatment cues. *Hematol Oncol* 2008 (in press)
- 220) Mori T., Mihara A., Yamazaki R., Shimizu T., Aisa Y., Suzuki S., Ikeda Y., Okamoto S.: Myelitis associated with human herpes virus 6 (HHV-6) after allogeneic cord blood transplantation. *Scandinavian Journal of Infectious Diseases* 39(3): 276-278, 2007.
- 221) Suzuki S., Mori T., Mihara A., Aisa Y., Ikeda Y., Suzuki N., Okamoto S.: Immune-mediated motor polyneuropathy after hematopoietic stem cell transplantation. *Bone Marrow Transplantation* 40(3):289-291, 2007.
- 222) Mori T., Aisa Y., Shimizu T., Yamazaki R., Mihara A., Yajima T., Hibi T., Ikeda Y., Okamoto S.: Hepatic veno-occlusive disease after tranexamic acid administration in patients undergoing allogeneic hematopoietic stem cell transplantation. *American Journal of Hematology* 82: 838-839, 2007.
- Kamoi M., Ogawa Y., Dogru M., Uchino M., Kawashima M., Goto E., Mori T., Okamoto S., Shimazaki J., Tsubota K.: Spontaneous lacrimal punctal occlusion associated with ocular chronic graft-versus-host disease. *Current Eye Research* 32: 837-842, 2007.
- 223) Mihara A., Mori T., Aisa Y., Yamazaki R., Iketani O., Tanigawara Y., Ikeda Y., Okamoto S.: Greater impact of oral fluconazole on drug interaction with intravenous calcineurin inhibitors as compared with intravenous fluconazole. *Eur J Clin Pharmacol* 64: 89-91, 2008.
- 224) Wang Y., Ogawa Y., Dogru M., Kawai M., Tatematsu Y., Uchino M., Okada N., Igarashi A., Kujira A., Fujishima H., Okamoto S., Shimazaki J., Tsubota K.: Ocular surface and tear functions after topical cyclosporine treatment in dry eye patients with chronic graft-versus-host disease. *Bone Marrow Transplantation* 41: 293-302.
- 225) Kunisaki, Y., Tanaka, Y., Sanui, T., Inayoshi, A., Noda, M., Nakayama, T., Harada, M., Taniguchi, M., Sasazuki, T., Fukui Y. DOCK2 is required in T cell precursors for

- development of Valpha14 NK T cells. *J Immunol* 176: 4640-4645, 2007
- 226) Sakoda,Y., Hashimoto,D., Asakura,S., Takeuchi, K., Harada,M., Tanimoto,M., Teshima,T. Donor-derived thymic-dependent T cells cause chronic graft-versus-host disease. *Blood* 109:1756-1764, 2007
- 227) Horiuchi,T., Kiyohara,C., Tsukamoto,H., Sawabe,T., Furugo,I., Yoshizawa,S., Ueda,A., Nakamura,T., Tada,Y., Kimoto,Y., Mitoma,H., Harashima,SI., Yoshizawa ,S., Shimoda,T., Okamura,S., Nagasawa,K., Harada,M. A functional M196R polymorphism of tumor necrosis factor receptor type 2 is associated with systemic lupus erythematosus: A case-control study and a meta-analysis. *Ann Rheum Dis* 66: 320-324, 2007.
- 228) Kawano, A., Shimoda,S., Kamihira,T., Ishikawa, F., Niuro,H., Soejima,Y., Taketomi,A., Maehara, Y., Nakamura,M., Komori,A., Migita,K., Ishibashi,H., Azuma,M., Gershwin,ME., Harada, M. Peripheral tolerance and the qualitative characteristics of autoreactive T cell clones in primary biliary cirrhosis. *J Immunol* 179(5):3315-3324, 2007
- 229) Mitoma,H., Horiuchi,T., Tsukamoto,H., Tamimoto,Y., Kimoto,Y., Uchino,A., To,K., Harashima,S., Hatta,N., Harada,M. Mechanism for cytotoxic effects of anti-TNF- $\alpha$  agents on transmembrane TNF-expressing cells: comparison among infliximab, etanercept and adalimumab. *Arthritis Rheum* 2008 (in press)
- 230) Miyagawa,H., Yamai,M., Kiyohara,C., Tsukamoto,H., Kimoto,Y., Nakamura,T., Lee, J-H., Tsai,C-Y., Chiang,B-L., Shimoda,T., Harada,M., Tahira,T., Hayashi,K., Horiuchi,T., Association of polymorphisms in complement component C3 gene with susceptibility to systemic lupus erythematosus. *Rheumatology* 2008 (in press)
- 231) Tamimoto,Y., Horiuchi,T., Tsukamoto,H., Kiyohara,C., Niro,H., Miyagawa,H., Nakasone,A., Mitoma,H., Kimoto,Y., Uchino,A., Muta,K., Abe, Y., Inoue,Y., Ueda,A., Nakashima,H., Tada,Y., Nagasawa K, Yoshizawa S, Shimoda T, Harada M. A dose-escalation study of rituximab for treatment of systemic lupus erythematosus and Evans' syndrome: Immunological analysis of B cells, T cells and cytokines. *Rheumatology* 2008 (in press)
- 232) Chonabayashi K, Kondo T, Tanaka Y, Ichinohe T, Ishikawa T, Uchiyama T. Sustained complete remission of refractory enteropathy-type T-cell lymphoma following reduced-intensity unrelated cord blood transplantation. *Bone Marrow Transplant.* 2007 ;40:905-906.
- 233) Yamamoto R, Takaori-Kondo A, Kanda J, Imada K, Ichinohe T, Ishikawa T, Ohmori K, Uchiyama T. Durable remission of large B-cell lymphoma transformed from lymphoplasmacytic lymphoma /Waldenström macroglobulinemia successfully treated with sequential immunochemotherapy followed by reduced-intensity allogeneic stem cell transplantation. *Bone Marrow Transplant.* 2008; 41: 591-593.
- 234) Kitawaki T, Kadowaki N, Kondo T, Ishikawa T, Ichinohe T, Teramukai S, Fukushima M, Kasai Y, Maekawa T, Uchiyama T. Potential of dendritic cell immunotherapy for relapse after allogeneic

- hematopoietic stem cell transplantation, shown by WT1 peptide- and keyhole limpet hemocyanin -pulsed, donor-derived dendritic cell vaccine for acute myeloid leukemia. *Am J Hematol.* 2008 ;83:315-317.
- 235) Muramatsu H, Kimura S, Ichinohe T, Ashihara E, Ishikawa T, Maekawa T, Uchiyama T.: Consulting clinic for related family donors in hematopoietic stem cell transplantation. *Bone Marrow Transplant.* 2008 Mar 10; [Epub ahead of print]
- 236) Morio T. Strategy to Combat Opportunistic Infections after Umbilical Cord Blood Transplantation (UCBT) - Monitoring of Multiple Pathogens with a Novel Multiplex PCR System and Infusion of Ex-vivo Expanded CD4 T-Cells (CD4-DLI). *Biol Blood Marrow Transplant.* 13: 1400-01, 2007.
- 237) Horibe S, Takagi M, Unno J, Nagasawa M, Morio T, Arai A, Miura O, Ohta M, Kitagawa M, Mizutani S. DNA damage check points prevent leukemic transformation in myelodysplastic syndrome. *Leukemia.* 10: 2195-8, 2007.
- 238) Tono C, Takahashi Y, Terui K, Sasaki S, Kamio T, Tandai S, Sato T, Kudo K, Toki T, Tachibana N, Yoshioka T, Nakahata T, Morio T, Nishikomori R, Ito E. Correction of immunodeficiency associated with NEMO mutation by umbilical cord blood transplantation using a reduced-intensity conditioning regimen. *Bone Marrow Transplant.* 39:801-4, 2007.
- 239) Okamoto H, Arai C, Shibata F, Toma T, Wada T, Inoue M, Tone Y, Kasahara Y, Koizumi S, Kamachi Y, Ishida Y, Inagaki J, Kato M, Morio T, Yachie A. Clonotypic analysis of T cell reconstitution after haematopoietic stem cell transplantation (HSCT) in patients with severe combined immunodeficiency. *Clin. Exp. Immunol.* 148: 450-60, 2007.
- 240) Shinohara M, Koga T, Okamoto K, Sakaguchi S, Arai K, Yasuda H, Takai T, Kodama T, Morio T, Geha RS, Kitamura D, Kurosaki T, Ellmeier W, Takayanagi H. Tyrosine kinases Btk and Tec regulate osteoclast differentiation by linking RANK and ITAM signals. *Cell,* 132: 794-806, 2008.
- 241) Kido S, Sugita S, Horie S, Miyana M, Miyata K, Shimizu N, Morio T, Mochizuki M. Association of varicella-zoster virus (VZV) load in the aqueous humor with clinical manifestations of anterior uveitis in herpes zoster ophthalmicus and zoster sine herpette. *Br J Ophthalmol.* 2008 Feb 1; [Epub ahead of print]
- 242) Takahashi N, Morio T. Common variable immunodeficiency. *Nihon Rinsho Meneki Gakkai Kaishi.* 31: 9-16, 2008.
- 243) Suzuki K, Tsugawa K, Oki E, Morio T, Ito E, Tanaka H. Vesical varices and telangiectasias in a patient with ataxia telangiectasia. *Ped. Nephrol.* 2008 Jan 12; [Epub ahead of print]
- 244) Sugita S, Iwanaga Y, Kawaguchi T, Futagami Y, Horie S, Usui T, Yamamoto S, Sugamoto Y, Mochizuki M, Shimizu N, Watanabe K, Mizukami M, Morio T. [Detection of herpesvirus genome by multiplex polymerase chain reaction (PCR) and real-time PCR in ocular fluids of patients with acute

- retinal necrosis] *Nippon Ganka Gakkai Zasshi*. 112: 30-8, 2008.
- 245) Morio T, Kim H, Ku, Artemis, and Ataxia-Telangiectasia-Mutated: Signaling Networks in DNA Damage. *Int J Biochem Cell Biol*. 40:598-603, 2008.
- 246) Hasegawa D, Fukushima M, Hosokawa Y, Takeda H, Kawasaki K, Mizukami T, Nunoi H, Ochiai H, Morio T, Kosaka Y. Successful treatment of chronic granulomatous disease with fludarabine-based reduced-intensity conditioning and unrelated bone marrow transplantation. *Int J Hematol*. 87:88-90, 2008.
- 247) Kawase T, Nanya Y, Ogawa S, Akatsuka Y, et al. Identification of human minor histocompatibility antigens based on genetic association with highly parallel genotyping of pooled DNA. *Blood*. 2008, *in press*.
- 248) Akatsuka Y, et al.. Minor histocompatibility antigens as targets for immunotherapy using allogeneic immune reactions. *Cancer Sci*. 98: 1139-1146, 2007.
- 249) 池原 進 : 骨髓内骨髓移植. 血液・腫瘍科特別増刊号. 2. 基礎編 55:82 - 86, 2007
- 250) Wang X, Hisha H, Cui W, Song C, Mizokami T, Okazaki S, Li Q, Feng W, Kato J, Jiang S, Fan H, Ikehara S: The characteristics of hematopoietic stem cells from autoimmune-prone mice and the role of neural cell adhesion molecules in abnormal proliferation of these cells in MRL/lpr mice. *Haematologica*. 92:300-307, 2007.
- 251) Koike Y, Adachi Y, Suzuki Y, Iwasaki M, Koike-Kiriyama N, Minamino K, Nakano K, Mukaide H, Shigematsu A, Kiyozuka Y, Tubura A, Kamiyama Y, Ikehara S: Allogeneic intrabone marrow-bone marrow transplantation plus donor lymphocyte infusion suppresses growth of colon cancer cells implanted in skin and liver of rats. *Stem Cells*. 25:385-391, 2007.
- 252) Mukaide H, Adachi Y, Koike-Kiriyama N, Suzuki Y, Minamino K, Iwasaki M, Tsuda M, Nakano K, Koike Y, Shigematsu A, Kamiyama Y, Ikehara S: Immunotherapy for malignant tumors using combination of allogeneic intra-bone marrow-bone marrow transplantation, donor lymphocyte infusion and dendritic cells. *Int J. Oncol*. 30:1309-1315, 2007 .
- 253) Li Q, Hisha H, Yasumizu R, Fan TX, Yang GX, Li Q, Cui YZ, Wang XL, Song CY, Okazaki S, Mizokami T, Cui WH, Guo K, Li M, Feng W, Katou J, Ikehara S: Analyses of very early hemopoietic regeneration after bone marrow transplantation: comparison of intravenous and intrabone marrow routes. *Stem Cells*. 25:1186-1194, 2007.
- 254) Ueda Y, Inaba M, Takada K, Fukui J, Sakaguchi Y, Tsuda M, Omae M, Kushida T, Iida H, Ikehara S: Induction of senile osteoporosis in normal mice by intra-bone marrow-bone marrow transplantation from osteoporosis-prone mice. *Stem Cells*. 25:1356-1363, 2007.
- 255) Fukui J, Inaba M, Ueda Y, Miyake T, Hosaka N, Kwon AH, Sakaguchi Y, Tsuda M, Omae M, Kamiyama Y, Ikehara S: Prevention of graft-versus-host disease by intra-bone

- marrow injection of donor T cells. *Stem Cells*. 25:1595-160, 2007.
- 256) Koike-Kiriyama N, Koike Y, Adachi Y, Mukaide H, Minamino K, Shigematsu A, Kamiama Y, Matsumura M, Ikehara S: Intra-bone marrow injection of dendritic cells for treatment of malignant tumor in mice. *J Exp. Clin Cancer Res*. 26:337-342. 2007
- 257) Feng W, Cui Y, Song C, Zhan H, Wang X, Li Q, Cui W, Guo K, Maki M, Hisha H, Mori T, Ikehara S: Prevention of osteoporosis and hypogonadism by allogeneic ovarian transplantation in conjunction with intra-bone marrow-bone marrow transplantation. *Transplantation*. 84:1459-1466,. 2008.
- 258) Li M, Inaba M, Guo KQ, Hisha H, Abraham NG, Ikehara S: Treatment of streptozotocin-induced diabetes mellitus in mice by intra-bone marrow bone marrow transplantation plus portal vein injection of beta cells induced from bone marrow cells. *Int. J. Hematol*. 86:438-445, 2007.
- 259) Koike-Kiriyama N, Adachi Y, Minamino K, Iwasaki M, Nakano K, Koike Y, Yamada H, Mukaide H, Shigematsu A, Mizokami T, Matsumura M, Ikehara S: Human cord blood cells can differentiate into retinal nerve cells. *Acta Neurobiologiae Experimentalis* in press.
- 260) Inaba M, Adachi Y, Hisha H, Hosaka N, Maki M, Ueda Y, Koike Y, Miyake T, Fukui J, Cui Y, Mukaide H, Koike N, Omae M, Mizokami T, Shigematsu A, Sakaguchi Y, Tsuda M, Okazaki S, Wang X, Li Q, Nishida A, Ando Y, Guo K, Song C, Cui W, Feng W, Katou J, Sado K, Nakamura S, Ikehara S: Extensive studies on perfusion method plus intra-bone marrow-bone marrow transplantation using cynomolgus monkeys. *Stem Cells*. 25:2098-2103, 2007.
- 261) Omae M, Inaba M, Sakaguchi Y, Tsuda M, Miyake T, Fukui J, Iwai H, Yaamashita T, and Ikehara S: long-term maintenance of donor-derived hemopoiesis by intra-bone marrow-bone marrow transplantation. *Stem cells and Development* in press.
- 262) Guo K, Inaba M, Li M, An J, Cui W, Song C, Wang J, Cui Y, Sakaguchi Y, Tsuda M, Omae M, Ando Y, Li Q, Wang X, Feng W, Ikehara S: Long-term donor-specific tolerance in rat cardiac allografts by intrabone marrow injection of donor bone marrow cells. *Transplantation*. 85: 93-101, 2008.
- 263) Yabe T, Matsuo K, Hirayasu K, Kashiwase K, Kawamura-Ishii K, Tanaka H, Ogawa A, Takanashi M, Satake M, Nakajima K, Tokunaga K, Inoko H, Saji H, Ogawa S, Juji J, Sasazuki T, Kodera Y, Morishima Y. Donor killer immunoglobulin-like receptor (KIR) genotype-patient cognate KIR ligand combination and anti-thymocyte globulin pre-administration are critical factors in outcome of HLA-C-KIR ligand mismatched T cell-replete unrelated bone marrow transplantation. *Biol Blood Marrow Transplant*. 14:75-87, 2008.
- 264) Kawase T, Akatsuka Y, Torikai H, Morishima S, Oka A, Tsujimura A, Miyazaki M, Tsujimura K, Miyamura K, Ogawa S, Inoko H, Morishima Y, Kodera Y, Kuzushima K, Takahashi T. Alternative splicing due to an intronic SNP in HMSD generates a novel

- minor histocompatibility antigen. *Blood*. 110:1055-1063, 2007.
- 265) Oyama T, Yamamoto K, Asano N, Oshiro A, Suzuki R, Kagami Y, Morishima Y, Takeuchi K, Izumo T, Mori S, Ohshima K, Suzumiya J, Nakamura N, Abe M, Ichimura K, Sato Y, Yoshino T, Naoe T, Shimoyama Y, Kamiya Y, Kinoshita T, Nakamura S. Age-related EBV-associated B-cell lymphoproliferative disorders constitute a distinct clinicopathologic group: a study of 96 patients. *Clin Cancer Res.*, 2007, 13:5124-32.
- 266) Morishima Y, Kawase T, Malkki M, Petersdorf EW; International Histocompatibility Working Group in Hematopoietic Cell Transplantation Component. Effect of HLA-A2 allele disparity on clinical outcome in hematopoietic cell transplantation from unrelated donors. *Tissue Antigens.*, 2007, 69(Suppl 1): 31-5.
- 267) Setterholm M, Morishima Y, Pepperall J, Schmidt A. Strategies for typing new volunteer donors. *Tissue Antigens.*, 2007, 69(Suppl 1): 6-7.
- 268) Yamada K, Takahashi M, Ogura M, Kagami Y, Taji H, Kamiya Y, Sugiura H, Morishima Y. High-dose chemotherapy and autologous peripheral blood stem cell transfusion for adult and adolescent patients with small round cell sarcomas. *Bone Marrow Transplant.*, 2007, 39: 471-6.
- 269) Mizuta S, Kohno A, Morishita Y, Atsuta Y, Sao H, Miyamura K, Sakamaki H, Ueda R, Morishima Y. Long-term follow-up of 14 patients with philadelphia chromosome-positive acute lymphoblastic leukemia following autologous bone marrow transplantation in first complete remission. *Int J Hematol.*, 2007, 85:140-5.
- 270) Morishima Y, Yabe T, Matsuo K, Kashiwase K, Inoko H, Saji H, Yamamoto K, Maruya E, Akatsuka Y, Onizuka M, Sakamaki H, Sao H, Ogawa S, Kato S, Juji T, Sasazuki T, Kodera Y; Japan Marrow Donor Program. Effects of HLA allele and killer immunoglobulin-like receptor ligand matching on clinical outcome in leukemia patients undergoing transplantation with T-cell-replete marrow from an unrelated donor. *Biol Blood Marrow Transplant.*, 2007, 13:315-28.
- 271) Kawase T, Morishima Y, Matsuo K, Kashiwase K, Inoko H, Saji H, Kato S, Juji T, Kodera Y, Sasazuki T; Japan Marrow Donor Program. High-risk HLA allele mismatch combinations responsible for severe acute graft-versus-host disease and implication for its molecular mechanism. *Blood.*, 2007 110:2235-41.
- 272) Kikuchi T, Naruse TK, Onizuka M, Li S, Kimura T, Oka A, Morishima Y, Kulski JK, Ichimiya S, Sato N, Inoko H. Mapping of susceptibility and protective loci for acute GVHD in unrelated HLA-matched bone marrow transplantation donors and recipients using 155 microsatellite markers on chromosome 22. *Immunogenetics.*, 2007, 59: 99-108.
- 273) Ito, Y., Demachi-Okamura, A., Ohta, R., Akatsuka, Y., Nishida, K., Tsujimura, K., Morishima, Y., Takahashi, T., Kuzushima, K.: Full-length EBNA1-mRNA-transduced



- dendritic cells stimulate CTLs recognizing a novel HLA-Cw\*0303 and Cw\*0304-restricted epitope on EBNA1-expressing cells. *J. Gen. Virol.*, 2007, 770-780.
- 274) Kenji Furuno, Kazuyuki Ikeda, Shinjiro Hamano, Kayako Fukuyama, Miki Sonoda, Toshiro Hara, Takehiko Sasazuki, Ken Yamamoto. Oncut transcription factor: OC2 is a direct target of T-bet in type-1 T-helper cells. *Genes and Immunity*, 2008, in press.
- 275) Ota M, Fukushima H, Kulski JK, Inoko H. Single nucleotide polymorphism detection by polymerase chain reaction-restriction fragment length polymorphism. *Nat. Protocols* 2007; 2(11): 2857-2864.
- 276) Yabe T, Matsuo K, Hirayasu K, Kashiwase K, Kawamura-Ishii S, Tanaka H, Ogawa A, Takanashi M, Satake M, Nakajima K, Tokunaga K, Inoko H, Saji H, Ogawa S, Juji T, Sasazuki T, Kodera Y and Morishima Y for the Japan Marrow Donor Program. Donor killer immunoglobulin-like receptor (*KIR*) genotype and anti-thymocyte globulin (ATG) pre-administration are critical factors in outcome of HLA-C-KIR ligand mismatched T cell-replete unrelated bone marrow transplantation. *Biology of Blood and Marrow Transplantation* 13:315-328, 2007.
- 277) Yabe T, Matsuo K, Hirayasu K, Kashiwase K, Kawamura-Ishii S, Tanaka H *et al.* Donor Killer Immunoglobulin-Like Receptor (*KIR*) Genotype-Patient Cognate *KIR* Ligand Combination and Antithymocyte Globulin Preadministration Are Critical Factors in Outcome of HLA-C-KIR Ligand-Mismatched T $\dagger$ Cell-Replete Unrelated Bone Marrow Transplantation. *Biology of Blood and Marrow Transplantation* 2008; 14(1): 75-87.
- 278) Hirayasu K, Ohashi J, Tanaka H, Kashiwase K, Ogawa A, Takanashi M Satake M, Jia GJ, Chinge NO, Sideltseva EW, Tokunaga K, Yabe T. Evidence for natural selection on leukocyte immunoglobulin-like receptors for HLA class I in Northeast Asians. *American Journal of Human Genetics*. in press 2008
- 279) Narimatsu H, Murata M, Sugimoto K, Terakura S, Kinoshita T, Naoe T. Successful umbilical cord blood transplantation using a reduced-intensity preparative regimen without total body irradiation and tacrolimus plus methotrexate for prophylaxis of graft-versus-host disease in a patient with adult T-cell leukemia/lymphoma. *Leukemia Lymphoma*, 48 (4): 841-843 (2007).
- 280 Terakura S\*, Murata M\*, Warren EH, Sette A, Sidney J, Naoe T, Riddell SR. A single minor histocompatibility antigen encoded by UGT2B17 and presented by HLA-A\*2902 and B\*4403. *Transplantation*, 83 (9): 1242-1248 (2007). (\*equal contribution)
- 281) Mizutani E, Narimatsu H, Murata M, Tomita A, Kiyoi H, Naoe T. Successful second cord blood transplantation using fludarabine and cyclophosphamide as a preparative regimen for graft rejection following reduced-intensity cord blood transplantation. *Bone Marrow Transplant*, 40 (1): 85-87 (2007).
- 282) Terakura S, Azuma E, Murata M, Kumamoto T, Hirayama M, Atsuta Y, Kodera

- Y, Yazaki M, Naoe T, Kato K. Hematopoietic engraftment in recipients of unrelated donor umbilical cord blood is affected by the CD34<sup>+</sup> and CD8<sup>+</sup> cell doses. *Biol Blood Marrow Transplant*, 13 (7): 822-830 (2007).
- 283) Inamoto Y, Miyamura K, Suzuki R, Yasuda T, Takahashi T, Kuwatsuka Y, Tsujimura A, Sugimoto K, Oba T, Terakura S, Atsuta Y, Murata M, Ito M, Koderu Y. Long-term outcome after bone marrow transplantation for aplastic anemia using cyclophosphamide and total lymphoid irradiation as conditioning regimen. *Biol Blood Marrow Transplant*, 14 (1): 43-49 (2008).
- 284) Abe A, Ninomiya M, Wang S, Katsumi A, Murata M, Kiyoi H, Naoe T. Human leukemia-xenograft NOG mice as a therapeutic model. *Blood Cells, Molecules, and Diseases*, in press.
- 285) Sugimoto K, Narimatsu H, Kawase T, Iida H, Watanabe M, Kohno A, Kuwatsuka Y, Uchida T, Hamaguchi M, Terakura S, Naoe T, Matsuo K, Murata M, Sawa M, Miyamura K, Morishita Y for the Nagoya Blood and Marrow Transplantation Group (NBMTG). Clinical characteristics of chronic graft-versus-host disease following umbilical cord blood transplantation for adults. *Bone Marrow Transplant*, in press.
- 286) Narimatsu H, Watanabe M, Kohno A, Sugimoto K, Kuwatsuka Y, Uchida T, Murata M, Miyamura K, Morishita Y for the Nagoya Blood and Marrow Transplantation Group (NBMTG). High incidence of graft failure in unrelated cord blood transplantation using a reduced intensity preparative regimen consisting of fludarabine and melphalan. *Bone Marrow Transplant*, in press.
- 287) Narimatsu H, Murata M, Terakura S, Sugimoto K, Naoe T. Potential role of a mismatched HLA-specific CTL clone developed pretransplant in graft rejection following cord blood transplantation. *Biol Blood Marrow Transplant*, in press.
- 288) Sugimoto K, Murata M, Onizuka M, Inamoto Y, Terakura S, Kuwatsuka Y, Oba T, Miyamura K, Koderu Y, Naoe T. Decreased Risk of Acute Graft-versus-Host Disease Following Allogeneic Hematopoietic Stem Cell Transplantation in Patients with the 5,10-Methylenetetrahydrofolate Reductase 677TT Genotype. *Int J Hematol*, in press.
- 289) Suzuki M, Kato M, Chen J, Takita J, Sanada M, Nannya Y, Yamamoto G, Takahashi A, Ikeda H, Kuwano K, Ogawa S, Hayashi Y. Whole-genome profiling of chromosomal aberrations in hepatoblastoma using high-density single-nucleotide polymorphism genotyping microarrays. *Cancer Sci*2008.
- 290) Lehmann S, Ogawa S, Raynaud SD, Sanada M, Nannya Y, Ticchioni M, Bastard C, Kawamata N, Koeffler HP. Molecular allelokaryotyping of early-stage, untreated chronic lymphocytic leukemia. *Cancer*2008.
- 291) Kumano K, Masuda S, Sata M, Saito T, Lee SY, Sakata-Yanagimoto M, Tomita T, Iwatsubo T, Natsugari H, Kurokawa M, Ogawa S, Chiba S. Both Notch1 and Notch2 contribute to the regulation of melanocyte homeostasis. *Pigment Cell Research*2008.
- 292) Kawase T, Nanya Y, Torikai H, Yamamoto G, Onizuka M, Morishima S, Tsujimura K,

- Miyamura K, Kodera Y, Morishima Y, Takahashi T, Kuzushima K, Ogawa S, Akatsuka Y. Identification of human minor histocompatibility antigens based on genetic association with highly parallel genotyping of pooled DNA. *Blood* 2008.
- 293) Yamamoto G, Nannya Y, Kato M, Sanada M, Levine RL, Kawamata N, Hangaishi A, Kurokawa M, Chiba S, Gilliland DG, Koefler HP, Ogawa S. Highly sensitive method for genomewide detection of allelic composition in nonpaired, primary tumor specimens by use of affymetrix single-nucleotide-polymorphism genotyping microarrays. *Am J Hum Genet.* 81:114-126, 2007.
- 294) Nannya Y, Taura K, Kurokawa M, Chiba S, Ogawa S. Evaluation of genome-wide power of genetic association studies based on empirical data from the HapMap project. *Hum Mol Genet.* 16:3494-3505, 2007.
- 295) Matsumoto A, Haraguchi K, Takahashi T, Azuma T, Kanda Y, Tomita K, Kurokawa M, Ogawa S, Takahashi K, Chiba S, Kitamura T. Immunotherapy against metastatic renal cell carcinoma with mature dendritic cells. *Int J Urol.* 14:277-283, 2007.
- 296) Kawazu M, Yamamoto G, Yoshimi M, Yamamoto K, Asai T, Ichikawa M, Seo S, Nakagawa M, Chiba S, Kurokawa M, Ogawa S. Expression profiling of immature thymocytes revealed a novel homeobox gene that regulates double-negative thymocyte development. *J Immunol.* 179:5335-5345, 2007.
- 297) Kawamata N, Ogawa S, Zimmermann M, Kato M, Sanada M, Hemminki K, Yamamoto G, Nannya Y, Koehler R, Flohr T, Miller CW, Harbott J, Ludwig WD, Stanulla M, Schrappe M, Bartram CR, Koefler HP. Molecular allelotyping of pediatric acute lymphoblastic leukemias by high-resolution single nucleotide polymorphism oligonucleotide genomic microarray. *Blood.* 111:776-784, 2008.
- 298) 加藤俊一. 「生体ドナーに関する適応と諸問題. 造血幹細胞移植 (骨髄移植と末梢血幹細胞移植)」。日本移植学会雑誌、2007;42: 529-535.
- 299) Matsuoka K, Ichinohe T, Hashimoto D, Asakura S, Tanimoto M, Teshima T. Fetal tolerance to maternal antigens improves the outcome of allogeneic bone marrow transplantation by a CD4+ CD25+ T-cell-dependent mechanism. *Blood.* 2006 Jan 1;107(1):404-9
2. 学会発表
- 1) 川瀬孝和、赤塚美樹、鳥飼宏基、辻村朱音、宮村耕一、岡 晃、猪子英俊、小寺良尚、森島泰雄: HLA-B\*4403 拘束性の新規マイナー組織適合性抗原の同定と抗原性発現のメカニズム 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006. 10
- 2) 鳥飼宏基、赤塚美樹、鬼塚真仁、宮村耕一、小寺良尚、森島泰雄、高橋利忠: HA-1 マイナー組織適合性抗原は HLA-A\*0206 によっても提示される第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 3) 稲本賢弘、今橋伸彦、西脇聡史、柳澤真弓、安田貴彦、高橋太郎、鋤塚八千代、大庭拓、宮村耕一、小寺良尚: 成人再生不良性貧血に対する同種移植の長期的成績 第

- 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 4) 鬼塚真仁、島田誠子、大庭拓、宮村耕一、小寺良尚、安藤潔、猪子英俊. 同種造血幹細胞移植に与える非 HLA 遺伝子多型の影響. 第 68 回日本血液学会総会 2007. 福岡
- 5) 熱田由子、鈴木律朗、吉見礼美、山本一仁、気賀沢寿人、田淵 健、土田昌宏、加藤俊一、森島泰雄、加藤剛二、浜島信之、小寺良尚: 日本における造血幹細胞移植登録事業の一元化 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 6) 矢ヶ崎史治、石川真穂、岡村大輔、前田智也、高橋直樹、陣内逸郎、別所正美、宮村耕一、小寺良尚: 高感度 Amp-CML 法による bcr-abl mRNA の分子モニタリング 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 7) 鍬塚八千代、今橋伸彦、西脇聡史、柳澤真弓、安田貴彦、高橋太郎、大庭 拓、宮村耕一、小寺良尚: 低用量 Melphalan+Fludarabine を用いた前処置による 2 回目造血幹細胞移植の成績 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 8) 西脇聡史、今橋伸彦、柳澤真弓、安田貴彦、高橋太郎、鍬塚八千代、大庭 拓、宮村耕一、伊藤雅文、小寺良尚: 多彩な症状を呈する IVL の診断における骨髄検査の重要性 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 9) 島田誠子、鬼塚真仁、鈴木利基央、川田浩志、小川吉明、稲本賢弘、大庭 拓、宮村耕一、堀田知光、小寺良尚、猪子英俊、安藤 潔: 慢性 GVHD と遺伝子多型性 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 10) 安田貴彦、今橋伸彦、西脇聡史、柳澤真弓、高橋太郎、鍬塚八千代、大庭 拓、宮村耕一、小寺良尚: 単一施設における HLA 一致血縁者間の骨髄移植と末梢血幹細胞移植の後方視的検討 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 11) 高橋太郎、安田貴彦、鍬塚八千代、大庭拓、宮村耕一、小寺良尚: 縦隔腫瘍を呈し急性リンパ芽球性白血病との鑑別を要した急性最未分化型骨髄性白血病の 1 症例 第 68 回日本血液学会総会・第 48 回日本臨床血液学会総会 福岡 2006.10
- 12) Atsuta Y, Suzuki R, Yoshimi A, Hamajima N, and Kodera Y.: Hematopoietic stem cell transplantation in Japan –From nationwide survey 2005 conducted by the Japan Society for Hematopoietic Cell Transplantation-. The 11th congress of the Asia Pacific Bone Marrow Transplantation. Nagoya. 2006.10
- 13) Suzuki R, Atsuta Y, Yoshimi A, and Kodera Y.: Toward the registration system of hematopoietic stem cell transplantation in Asia Pacific Bone Marrow Transplantation (APBMT) Group. The 11th congress of the Asia Pacific Bone Marrow Transplantation. Nagoya. 2006.10
- 14) Akatsuka Y, Torikai H, Kawase T, Tsujimura K, Miyamura K, Kodera Y, Morishima Y, Kuzushima K, Takahashi T. :Immunotherapy of hematological malignancies targeting hematopoietic cell-specific minor histocompatibility antigens. The 11th