

- 18.* Hirano N, Kojima S, Michael S, von Bergwelt-Baildon, Maecker B, Butler MO, Schultzer JL, Guinan EC, Nadler LE : Distinct autoantigens in American and Japanese immuno-mediated aplastic anemia. Blood 96 (Suppl) : 6a, 2000
- 19.* Sano K, Hibi S, Sato T, Ayukawa H, Kinoshita A, Kigasawa T, Ichihara T, Yabe S, Kojima S : Prospective multicenter trial comparing repeated immunosuppressive-therapy (IST) versus stem cell transplantation (SCT) as a second line treatment for IST resistant aplastic anemia (AA) children. Blood 96 (Suppl) : 6a, 2000
- 20.* Ohara A, Kojima S, Tsuchida M, Kudo T, Hanada R, Okimoto Y, Kaneko T, Takano T, Tsukimoto I : Risk factors for evolution of myelodysplastic syndrome (MDS) after immunosuppressive therapy in children with aplastic anemia. Blood 96 (Suppl) : 147a, 2000
- 21.* Kojima S, Hibi S, Sano K, Yamamoto M, Yabe M, Sato T, Mimaya J, Okimoto Y, Kikuta A, Tsukimoto I : Predictive factors for response to antithymocyte globulin and cyclosporine in children with aplastic anemia. Blood 96 (Suppl 1) : 12b, 2000
- 22.* Endo T, Oda A, Haseyama Y, Nishio M, Koizumi K, Sato I, Amasaki Y, Sato Y, Ikebuchi K, Ikeda H, Koike T, Sawada K : Stem cell factor protects c-kit positive human erythroid cells from apoptosis. Blood (abs) 96 : 341, 2000
- 23.* Takashima H, Nishio H, Nishio M, Koizumi K, Oda A, Wakao H, Koike T, Sawada K : Molecular cloning and characterization of a novel human kruppel-associated box (KRAB) containing zinc finger protein, EKZ1 from human erythroid progenitor cells. Blood (abs) 96 : 4277, 2000
- 24.* Komatsu N, Okamoto T, Yoshida T, Nakao S, Urabe A, Nagasawa T, Asoo N, Ohno R, Ikeda Y, Sawada K, Hotta T, Kanamaru A, Bessho M, Kageyama S, Okamura T, Jinnai I, Kanakura Y, Mizoguchi H : Pegylated recombinant human megakaryocyte growth and development factor (PEG-rHuMGDF) augmented circulating platelet counts (PLT) in patients with aplastic anemia (AA) and myelodysplastic syndrome (MDS). Blood (abs) 96 : 1273, 2000
- 25.* Kirito K, Kashii Y, Uchida M, Toshima M, Endoh T, Sawada K, Ozawa K, Komatsu N : Forkhead family transcription factor FKHRL1 is expressed in human megakaryocytes and regulates cell cycling as a downstream molecule of TPO signaling. Blood (abs) 96 : 4308, 2000
26. 小峰光博 : 再生不良性貧血 (赤芽球瘍を含む). 今日の治療指針 2001 3 : 527 - 528, 2000
27. 壺岐聖子, 大林由明, 浦部晶夫 : 輸血拒否により高度の貧血で死亡した再生不良性貧血. 臨床血液 41 : 65 - 67, 2000
28. 浦部晶夫 : 再生不良性貧血. 臨床医 26 : 1234 - 1235, 2000

29. 臼杵憲祐、長野美恵子、浦部晶夫：PNHに関する検査。検査と技術 28：813 - 815, 2000
30. 浦部晶夫：ATG 不応の再生不良性貧血の治療。Annual Review 血液 2000（高久史磨、溝口秀昭、小宮山淳、坂田洋一、金倉讓編）、中外医学社、東京：64 - 69, 2000
31. 吉見礼美、小島勢二：骨髄不全とアポトーシス。血液フロンティア 10：45 - 51, 2000
32. 小島勢二：小児再生不良性貧血の治療と長期予後。Annual Review（編 高久史磨、溝口秀昭、小宮山淳、坂田洋一、金倉讓）、中外医学社、東京：72 - 77, 2000
33. 高桑雄一、萬野純恵、澤田賢一：赤血球および赤芽球系前駆細胞、赤芽球の単離法、臨床血液実験操作法。血液・腫瘍科。40 (suppl 3)：1 - 9, 2000
34. 月本一郎（分担）：再生不良性貧血。今日の小児治療指針第 12 版（矢田純一、柳澤正義、山口規容子、大関武彦編）、医学書院、東京：360, 2000
35. 寺村正尚、風間啓至、岩部弘治、小林祥子、吉永健太郎、溝口秀昭：再生不良性貧血患者における Th1/Th2 バランス異常の検討。日本内科学会雑誌 89：158, 2000
36. 寺村正尚、溝口秀昭：再生不良性貧血—どこまでが EBM か。臨床成人病 30：1706 - 1710, 2000
37. 安並毅、森直樹、寺村正尚、増田道彦、泉二登志子、溝口秀昭：抗胸腺細胞グロブリン (ATG) が奏効した再生不良性貧血 (AA) - 夜間血色素尿症 (PNH) 症候群。臨床血液 41：241, 2000
38. 寺村正尚：G-CSF の臨床応用の現状と展望—再生不良性貧血。分子細胞治療 1：587 - 590, 2000
39. 通山薫、吉田弥太郎：第 41 回日本臨床血液学会総会シンポジウム 3. 再生不良性貧血と不応性貧血のはざま「再生不良性貧血から MDS、白血病への移行について」。臨床血液 41 (5)：401 - 403, 2000
40. 岸本国也、川井信孝、松田晃、堀部尚弘、矢ヶ崎史治、楠本修也、鈴木利哉、猪野裕英、別所正美、平嶋邦猛：急性骨髄性白血病への移行を認めた肝炎後再生不良性貧血の 1 例。日本臨床血液学会雑誌 41：690, 2000
41. 矢ヶ崎史治、伊藤善啓、川井信孝、松田晃、別所正美、横山泰子、宮崎洋美、平嶋邦猛：Two color FISH を用いた monosomy7 の検出：骨髄移植後生着細胞における G-CSF、CyA-7 出現に与える影響。日本臨床血液学会雑誌 41：1116, 2000
- 42.* 稲葉淳、吉見礼美、堀部敬三、渡邊修大、小島勢二、柳井雅明、前田尚子、工藤寿子、加藤剛二、松山孝治：小児再重症（好中球 $0/\mu l$ ）再生不良性貧血の治療成績。臨床血液 41：1006, 2000
- 43.* 吉見礼美、稲葉淳、堀部敬三、小島勢二：赤芽球癆から重症再生不良性貧血に移行した乳児例。臨

2. 不応性貧血に関する研究業績

44. Watari K, Tojo A, Nagamura-Inoue T, Matsuoka M, Irie S, Tani K, Yamada Y, Asano S : Hyperfunction of neutrophils in a BCR/ABL-negative chronic myeloid leukemia: A case report with in vitro studies. *Cancer* 89 : 551 - 560, 2000
45. Kuwahara Y, Hirata A, Miwa H, Munakata S, Ueda S, Kanakura Y, Maruno M, Hongyo T, Nomura T, Aozasa K : Epstein-Barr virus associated B-cell lymphoma of brain developing in myelodysplastic syndrome with c-kit mutation (Try-577 → Stop). *American Journal of Hematology* 65 : 234 - 238, 2000
46. Imai Y, Kurokawa M, Izutsu K, Hangaishi A, Takeuchi K, Maki K, Ogawa S, Chiba S, Mitani K, Hirai H : Mutations of the AML1 gene in patients with myelodysplastic syndrome and their functional implications in leukemogenesis. *Blood* 96 : 3154 - 3160, 2000
47. Machida U, Kami M, Uozaki H, Makimura K, Yamaguchi H, Hirai H : Subacute spinal cord infarction due to zygomycotic thrombosis in a patient with myelodysplastic syndrome. *Hematologica* 85 : 1004 - 1006, 2000
48. Uchida T, Ohashi H, Aoki E, Nakahara Y, Hotta T, Murate T, Saito H, Kinoshita T : Clonality analysis by methylation specific PCR for the human and rogen-receptor gene (HUMARA-MSP). *Leukemia* 14 : 207 - 212, 2000
49. Fuchigami K, Mori H, Matsuo T, Iwanaga M, Nagai K, Kuriyama K, Tomonaga M : Absolute number of circulating CD34+ cells is abnormally low in refractory anemias and extremely high in RAEB and RAEB-t: novel pathologic features of myelodysplastic syndromes identified by highly sensitive flow cytometry. *Leukemia research* 24 : 163 - 174, 2000
50. Wang W, Matsuo T, Yoshida S, Mori H, Miyazaki Y, Kuriyama K, Tomonaga M : Colony-forming unit-megakaryocyte (CFU-meg) numbers and serum thrombopoietin concentrations in thrombocytopenic disorders: an inverse correlation in myelodysplastic syndromes. *Leukemia* 14 : 1751 - 1756, 2000
51. Asano Y, Niho Y : Treatment of myelodysplastic syndromes. *Int J Clin Oncol* : in press, 2001
52. Ito S, Ishida Y, Murai K, Kuriya K : Flow cytometric analysis of aberrant antigen expression of blasts using CD45 blast gating for minimal residual disease in acute leukemia and high-risk myelodysplastic syndrome. *Leukemia Research* : in press
53. Ishida Y, Murai K : Development of quantitative RT-PCR for the expression of Wilms' tumor WT1 suppressor gene in leukemia on the Light Cycler. *Rapid Cycle Real-Time PCR. Methods and Applications.*

(eds: Meuer S, Wittwer C, Nakagawara K), Springer (Germany) : 187 - 195, 2001

54. Takemura H, Urasaki Y, Yoshida A, Fukushima T, Ueda T : Cross-resistance to ara-C and daunorubicin Induced by simultaneous treatment with both drugs showed a combination-specific mechanism in HL60/AD C cells. AACR 91st Annual Meeting proceedings, 762, 2000
55. Kawai Y and Ueda T : Pronounced induction of apoptosis by aphidicolin in cytarabine-treated human leukemic cells. Leukemia 2000 towards the cure program and abstract book, 76, 2000
56. Inaki K, Tsutani H, Yamauchi T, Fukushima T, Iwasaki H, Imamura S, Wano Y, Nemoto Y, Naiki H, Ueda T : Differentiation induction in non-lymphocytic leukemia cells upon treatment with mycophenolate mofetil. Leukemia Res 24 : 761 - 768, 2000
57. Fukushima T, Yamashita T, Takemura H, Suto H, Kishi S, Urasaki Y, Ueda T : Effect of PSC 833 on the cytotoxicity and pharmacodynamics of mitoxantrone in multidrug-resistant K562 cells. Leukemia Res 24 : 249 - 254, 2000
58. Kishi S, Yoshida A, Yamauchi T, Tsutani H, Lee JD, Nakamura T, Naiki H, Ueda T : Torsade de pointes associated with hypokalemia after anthracycline treatment in a patient with acute lymphocytic leukemia. Int J Hematol 1 : 172 - 179, 2000
59. Nakamura S, Ohnishi K, Yoshida H, Shinjo K, Takeshita A, Tohyama K, Ohno R, Koide Y : Retrovirus-mediated gene transfer of granulocyte colony-stimulating factor receptor (G-CSFR) cDNA into MDS cells and induction of their differentiation by G-CSF. Cytokine Cell Molecul Ther 6 : 61 - 70, 2000
60. Izumi M, Takeshita A, Shinjo K, Naito K, Matsui H, Shibata K, Ohnishi K, Kanno T, Ohno R : Decreased amount of mpl and reduced expression of glycoprotein IIb/IIa and glycoprotein Ib on platelets from patients with refractory anemia: analysis by a non-isotopic quantitative ligand binding assay and immunofluorescence. Eur J Haematol 65 : 1 - 8, 2001
61. Pan L, Ohnishi K, Zhang W, Yoshida H, Maksumova L, Muratkhodjaev F, Shigeno K, Nakamura S, Luo J, Hao H, Fujisawa S, Naito K, Shinjo K, Takeshita A, Ohno R : In vitro IL-12 treatment of peripheral blood mononuclear cells from patients with leukemia or myelodysplastic syndromes: increase in cytotoxicity and reduction in WT1 gene expression. Leukemia 14 : 1634 - 1641, 2000
62. Funato K, Kuriyama Y, Uchida Y, Suzuki A, Miyazawa K, Ohyashiki K : A case of myelodysplastic syndrome accompanied by Addison's disease and multiple autoimmune phenomena: steroid therapy resolved cytopenia and all immune disorders. Internal Medicine : in press, 2001
63. Sashida G, Tauchi T, Kodama A, Kimura Y, Fukutake K, Ohyashiki K : Trisomy 15 as a single autosomal abnormality in a patient with unclassifiable myelodysplastic syndromes. Cancer Genetics and Cytogenetics :

in press, 2001

64. Ohyashiki K, Iwama H, Yahata N, Tauchi T, Kawakubo K, Shimamoto T, Ohyashiki JH : Telomere dynamics in myelodysplastic syndromes and acute leukemic transformation. *Leukemia and Lymphoma* : in press, 2001
65. Iwase O, Iwama H, Okabe S, Ando K, Yaguchi M, Miyazawa K, Kimura Y, Kodama A, Fukutake K, Ohyashiki K : Refractory anemia with ringed sideroblasts with a low IPSS score progressed rapidly with de novo appearance of multiple karyotypic abnormalities and acute erythroleukemia (AML-M6A). *Leukemia Research* 24 : 597 - 600, 2000
66. Miyazawa K, Nishimaki J, Ohyashiki K, Enomoto S, Kuriya S, Fukuda R, Hotta T, Teramura M, Mizoguchi H, Uchiyama T, Omine M : Vitamin K₂ therapy for myelodysplastic syndromes (MDS) and post-MDS acute myeloid leukemia: Information through a questionnaire survey of multi-center pilot studies in Japan. *Leukemia* 14 : 1156 - 1157, 2000
67. Sashida G, Tauchi T, Ando K, Kimura Y, Kodama A, Fukutake K, Ohyashiki K : Translocation (5 ; 18) in a patient with myelodysplastic syndrome - refractory anemia with excess blasts in transformation. *Cancer Genetic and Cytogenetics* 121 : 230 - 231, 2000
68. Greenberg P, Anderson J, de Witte T, Estey E, Fenaux P, Gupta P, Hamblin T, Hellstrom-Lindberg E, List A, Mufti G, Neuwirtova R, Ohyashiki K, Oscier D, Sanz G, Sanz M, William C : Problematic WHO re-classification of myelodysplastic syndrome. *Journal of Clinical Oncology* 17 : 3447 - 3449, 2000
69. Ito Y, Kawanishi Y, Shoji N, Ohyashiki K : Decline in antibiotic enzyme activity in neutrophils is a prognostic factor for infections in patients with myelodysplastic syndrome. *Clinical Infectious Diseases* 31 (5) : 1292 - 1295, 2000
70. Imamura N, Kimura A : Effect of Ubenimex (Bestatin) on the cell growth and phenotype of HL-60 and HL-60R cell lines: Up- and down-regulation of CD13/aminopeptidase N. *Leukemia and Lymphoma* 37 : 663 - 667, 2000
71. Kojima S, Sako M, Kato K, Hosoi G, Sato T, Ohara A, Koike K, Okimoto Y, Nishimura S, Akiyama Y, Yoshikawa T, Ishii E, Okamura J, Yazaki M, Hayashi Y, Eguchi M, Tsukimoto I, Ueda K : An effective chemotherapeutic regimen for acute myeloid leukemia and myelodysplastic syndrome in children with Down' s syndrome. *Leukemia* 14 : 786 - 791, 2000
72. Okamoto T, Kanamaru A, Shimazaki C, Motoji T, Takemoto Y, Takahashi M, Fukushima T, Takeshita A, Kusumoto S, Kishimoto Y, Yorimitsu S, Tsukuda K, Uike N, Arima N, Ohno R : Combinatin chemotherapy with risk factor-adjusted dose attenuation for high-risk myelodysplastic syndrome and resulting leukemia in the multicenter study of the Japan Adult Leukemia Study Group (JALSG) : Results of an interim analysis *Int J*

Hematol 72 : 200 - 205, 2000

73. Aoki E, Uchida T, Ohashi H, Nagai H, Murase T, Ichikawa A, Yamao K, Hotta T, Kinoshita T, Saito H, Murate T : Methylation statue of the p15^{INK4B} gene in hematopoietic progenitors and peripheral blood cells in myelodysplastic syndromes. Leukemia 14 : 586 - 593, 2000
74. Matsuda A, Jinnai I, Yagasaki F, Ito Y, Ito K, Kusumoto S, Murohashi I, Bessho M, Hirashima K : The pathogenetic mechanism of myeloid malignancies associated with deletions of the long arm of chromosome 20 can not be explained by a “one hit” model. Eur J Haematol 65 : 210 - 211, 2000
75. 樋口敬和、山科聡子、小峰光博他：赤白血病と骨髄異形成症候群との関連性および赤芽球成熟傾向の意義。日本検査血液学会雑誌 1 (2) : 187 - 193, 2000
76. 臼杵憲祐、浦部晶夫：骨髄異形成症候群。総合臨床 49 : 1315 - 1316, 2000
77. 森弘行、朝長万左男：MDS の診断と問題点。血液フロンティア 10 : 181 - 186, 2000
78. 森弘行、松尾辰樹、朝長万左男：骨髄異形成症候群 (MDS) の診断プロトコル。Medical Technology 28 : 526 - 535, 2000
79. 高木和貴、中村徹、三崎裕史、上田孝典：慢性骨髄性白血病において hydroxyurea の長期投与中に認めた発汗障害。臨床血液 41 (11) : 1214 - 1219, 2000
80. 井上仁、岩崎博道、上田孝典、安部茂、山口英世：ヒトにおける抗真菌剤イトラコナゾールの cytokine modulation. Biotherapy 14 (5) : 507 - 509, 2000
81. 澤田賢一、長谷山美仁、小田淳：「PI-3K とアポトーシス」特集シグナル伝達とアポトーシス、「血液・腫瘍科」科学評論社。40 : 273 - 280, 2000
82. 鮫島勇一、吉永健太郎、本村小百合、小林祥子、寺村正尚、増田道彦、泉二登志子、溝口秀昭、岡田美智子：急性白血病化に際して Ph1 染色体の出現を認めた骨髄異形成症候群の 1 例。臨床血液 41 : 999, 2000
83. 寺村正尚、奥富慶子、岩部弘治、本村小百合、小林祥子、鮫島勇一、和田真紀夫、増田道彦、泉二登志子、溝口秀昭：骨髄異形成症候群に対するメチルプレドニゾン大量療法の有効性と HLA-DRB1 遺伝子型との関連性の検討。臨床血液 41 : 1004, 2000
84. 寺村正尚：骨髄異形成症候群の免疫抑制療法。最新医学 55 : 139 - 142, 2000
85. 寺村正尚：MDS の治療 免疫抑制療法。血液フロンティア 10 : 67 - 73, 2000

86. 大嶋政明、牧田美香、田中宗史、小原明、月本一郎：抗ヒト胸腺細胞ウマ免疫グロブリンが奏功した不応性貧血の1例。日本小児血液学会誌 14 (3)：130 - 134, 2000
87. 通山薫：貧血－臨床の必須から先端医療まで。「不応性貧血（骨髓異形成症候群）」。カレントセラピー 18 (5)：106 - 110, 2000
88. 矢ヶ崎史治、伊藤善啓、楠本修也、松田晃、別所正美、陣内逸郎：正常造血幹細胞および白血病細胞における Acyl CoA Synthetase の発現。日本血液学会雑誌 71：suppl 1：172, 2000
89. 三谷絹子：染色体異常と遺伝子異常。血液フロンティア 10：39 - 46, 2000
90. 八幡義人、神崎暁郎、中西秀和：診断に直結する血球異常。血液フロンティア 10 (5)：561 - 567, 2000
- 91.* 西巻治朗、莊司奈穂子、川西慶一、川久保健、鈴木章孝、岩瀬理、後藤明彦、嶋本隆司、栗山謙、田内哲三、伊藤良和、矢口誠、宮澤啓介、木村晋彦、大屋敷一馬：IPSS の経時的な再評価による MDS のフォローアップ。第 97 回内科学会講演会：2000 年 4 月 6～8 日、京都
- 92.* 西巻治朗、莊司奈穂子、川西慶一、川久保健、鈴木章孝、岩瀬理、後藤明彦、嶋本隆司、栗山謙、田内哲三、伊藤良和、矢口誠、宮澤啓介、木村晋彦、大屋敷一馬：東京医大で経験した MDS 死亡例の検討。第 62 回日本血液学会総会：2000 年 3 月 15～17 日、福岡
- 93.* 宮澤啓介、大屋敷一馬、榎本さなえ、厨信一郎、福田竜基、堀田知光、寺村尚、溝口秀昭、内山卓、小峰光博：MDS および post-MDS AML におけるビタミン K₂ 療法の可能性－厚生省「特発性造血障害に関する研究」班アンケート調査結果－。第 62 回日本血液学会総会：2000 年 3 月 15～17 日、福岡
- 94.* 伊藤良和、川西慶一、山口法隆、莊司奈穂子、大屋敷一馬：骨髓異形成症候群患者の末梢好中球中のコラゲナーゼ活性とその臨床的意義。第 62 回日本血液学会総会：2000 年 3 月 15～17 日、福岡
- 95.* 船渡甲太郎、内田淑子、鈴木章孝、栗山謙、宮澤啓介、大屋敷一馬：Refractory cytopenia (RC) の経過中に多彩な自己免疫疾患と Addison 病を併発した 1 例。第 479 回日本内科学会関東地方会：2000 年 2 月 12 日
- 96.* 伊藤良和、岩瀬理、嶋本隆司、大屋敷一馬、角純子、本間良夫：再生不良性貧血と不応性貧血患者における血清 nm-23-H1 蛋白定量の臨床的意義。第 42 回日本臨床血液学会総会：2000 年 11 月 8～10 日
- 97.* 指田吾郎、莊司奈穂子、宮澤啓介、木村之彦、大屋敷一馬：染色体異常を認めた不応性血小板減少の 3 症例。第 42 回日本臨床血液学会総会：2000 年 11 月 8～10 日

- 98.* 莊司奈穂子、木村之彦、西巻治朗、伊藤良和、田内哲三、矢口誠、大屋敷一馬、Payzulla D、海老原善郎：剖検で肺胞蛋白が確認された骨髓異形成症候群白血病化の4例。第42回日本臨床血液学会総会：2000年11月8～10日
- 99.* 井口具隆、後藤明彦、指田吾郎、片桐智子、安藤恵子、川久保建、嶋本隆司、田内哲三、川西慶一、宮澤啓介、木村之彦、大屋敷一馬、金丸昭久、大野竜三：MDS RAEB-Tに対するIDA + Ara - Cによる完全寛解導入療法。第42回日本臨床血液学会総会：2000年11月8～10日
- 100.* 嶋本隆司、井口具隆、片桐智子、安藤恵子、田内哲三、矢口誠、宮澤啓介、木村之彦、大屋敷一馬、増田道彦、溝口秀昭：赤芽球低形成骨髓異形成症候群におけるシクロスポリンの治療効果。第42回日本臨床血液学会総会：2000年11月8～10日

3. 溶血性貧血に関する研究業績

101. Iwamoto S, Suganuma H, Kamesaki T, Omi T, Okuda H, Kajii E : Cloning and characterization of erythroid-specific DNase I-hypersensitive site in human rhesus-associated glycoprotein gene. J Biol Chem 275 : 27324 - 27331, 2000
102. Okuda H, Fujiwara H, Omi T, Iwamoto S, Kawano M, Ishida T, Nomura S, Fukuhara S, Nagai A, Ohya I and Kajii E : A Japanese propositus with D - phenotype characterized by the deletion of both the RHCE gene and D1S80 locus situated in chromosome 1p and the existence of a new CE-D-CE hybrid gene. J Hum Genet 45 : 142 - 153, 2000
103. Okuda H, Suganuma H, Kamesaki T, Kumada M, Tsudo N, Omi T, Iwamoto S and Kajii E : The analysis of nucleotide substitutions, gaps, and recombination events between RHD and RHCE genes through complete sequencing. Biochem Biophys Res Commun 274 : 670 - 683, 2000
104. Omi T, Okuda H, Iwamoto S, Takahashi J, Tanaka M, Tani Y, Fraser RH, Seno T, Kajii E : Detection of Rh23 in the partial D phenotype associated with the D (Va) category. Transfusion 40 : 256 - 258, 2000
105. Nishimura J-I, Philips KL, Ware RE, Hall S, Wilson L, Gentry TL, Howard TA, Murakami Y, Shibano M, Machii T, Gilboa E, Kanakura Y, Takeda J, Kinoshita T, Rosse WF, Smith CA : Efficient retrovirus-mediated PIG-A gene transfer and stable restoration of GPI-anchored expression in cells with the PNH phenotype. Blood (in press)
106. Maeda Y, Tanaka S, Hino J, Kanagawa K, Kinoshita T : Human dolichol-phosphate-mannose synthase consists of three subunits, DPM1, DPM2 and DMP3. EMBO J 19 : 2475 - 2482, 2000
107. Watanabe R, Murakami Y, Marmor MD, Inoue N, Maeda Y, Hino J, Kanagawa K, Julius M, Kinoshita T : Initial enzyme for glycosylphosphatidylinositol biosynthesis requires PIG-P and is regulated by DPM2.

EMBO J 19 : 4402 - 4411, 2000

108. Maeda Y, Watanabe R, Harris CL, Hong Y, Ohishi K, Kinoshita K, Kinoshita T : PIG-M transfers the first mannose to glycosylphosphatidylinositol on the luminal side of the ER. EMBO J 20 : 250 - 261, 2001
109. Nagamune K, Nozaki T, Maeda Y, Ohishi K, Fukuma T, Hara T, Schwarz RT, Sütterlin C, Brun R, Riezman H, Kinoshita T : Critical roles of glycosylphosphatidylinositol for *Trypanosoma brucei*. Proc Natl Acad Sci USA 97 : 10336 - 10341, 2000
110. Ohishi K, Inoue N, Maeda Y, Takeda J, Riezman H, Kinoshita T : Gaalp and Gpi8p are components of a glycosylphosphatidylinositol (GPI) transamidase that mediates attachment of GPI to proteins. Mol Biol Cell 11 : 1523 - 1533, 2000
111. Hong Y, Maeda Y, Watanabe R, Inoue N, Ohishi K, Kinoshita T : Requirement of PIG-F and PIG-O for transferring phosphoethanolamine to the third mannose in glycosylphosphatidylinositol. J Biol Chem 275 : 20911 - 20919, 2000
112. Kinoshita T, Inoue N : Dissecting and manipulating the pathway for glycosylphosphatidylinositol-anchor biosynthesis. Current Opinion in Chem Bio 4 : 632 - 638, 2000
113. Murakami H, Takahagi Y, Yoshitatsu M, Miyagawa S, Fujimura T, Toyomura K, Shigehisa T, Shirakura R, Kinoshita T : Porcine MCP gene promoter directs high level expression of human DAF (CD55) in transgenic mice. Immunobiology 201 : 583 - 597, 2000
114. Nishimura J, Phillips KL, Ware RE, Hall S, Wilson L, Gentry TL, Howard TA, Murakami Y, Shibano M, Machii T, Gilboa E, Kanakura Y, Takeda J, Kinoshita T, Rosse WF, Smith CA : Efficient retrovirus-mediated PIG-A gene transfer and stable restoration of GPI-anchored protein expression in cells with the PNH phenotype. Blood : in press
115. Kinoshita T, Bessler M, Takeda J : Animal models of *PNH*. *PNH and the GPI-linked proteins*, N. S. Young and J. Moss (Editor), Academic press : 139 - 158, 2000
116. Tsutsumi A, Ichikawa K, Matsuura E, Sawada K, Koike T : Heterogeneous behavior of anti- β 2-glycoprotein I antibodies on various commercially available enzyme immunoassay plates coated with β 2-glycoprotein I. J of Rheumatology 27 : 391 - 396, 2000
117. Ieko M, Ichikawa K, Atsumi T, Takeuchi R, Sawada K, Yasukouchi T, Koike T : Effects of β 2-glycoprotein I and monoclonal anticardiolipin antibodies on extrinsic fibrinolysis. Sem Thrombos Hemostas 26 : 85 - 90, 2000
118. Notoya A, Bohgaki T, Mukai M, Kohno M, Sato H, Sawada K : Splenomegaly and chronic disseminated

- intravascular coagulation in Osler-Weber-Rendu disease. *Am J Hematol* 65 : 315 - 318, 2000
119. Ohnishi A, Kaneko M, Hori S, Teramura M, Kato S : Vitrectomy for vitreous bleeding and tractional retinal detachment in a case of Evans syndrome. *Japanese Journal of Ophthalmol* 44 : 177 - 179, 2000
 120. Yawata Y, Kanzaki A, Yawata A : Genotypic and phenotypic expressions of protein 4.2 in human erythroid cells. *Gene Function and Disease* 2 : 1 - 21, 2000
 121. Yawata Y, Kanzaki A, Yawata A, Kaku M, Uno M, Wada H, Sugihara T, Yamada O, Eber SW, özcan R, Kugler W : Characteristic features of genotype and phenotype of hereditary spherocytosis in the Japanese population. *Int J Hematol* 71 : 118 - 135, 2000
 122. Nakanishi H, Kanzaki A, Yawata A, Yamada O, Yawata Y : Ankyrin gene mutations in Japanese patients with hereditary spherocytosis. *Int J Hematol* 73 : 54 - 63, 2001
 123. Yawata Y, Kanzaki A, Yawata A : Protein 4.2: Normal and abnormal in clinical hematology, protein chemistry, molecular genetics, and ultrastructure. *Kawasaki Med J* 26 (2) : 35 - 82, 2000
 124. Yawata Y, Remus R, Zeschnigk M, Zuther I, Muisznieks I, Doerfler W, Kanzaki A, Wada H, Nakanishi H, Yawata A : The expression of protein 4.2 is related to the state of methylation of the 5' -CpG-3' sites of the ELB 42 promoter during human erythroid differentiation. *Blood* 96 (11) : 592a, 2000
 125. Yawata A, Yawata Y, Nakanishi H, Kanzaki A, Tani Y, Takahashi J, Senoo T : Visualization of glycophorins by a novel field emission scanning electron microscopy and membrane cytoskeletons and intramembrane particles in red cells of normal, En (a-), M^kM^k, and Miltenberger V. *Blood* 96 (11) : 593a, 2000
 126. Yawata Y, Nakanishi H, Kanzaki A, Yawata A, Yamada O : Novel 15 mutations of the ankyrin gene pathognomonic for hereditary spherocytosis in the Japanese population. *Blood* 96 (11) : 594a, 2000
 127. Yawata Y, Kanzaki A, Yawata A : Red cell membrane disorders in Japan: Their genetic and phenotypic features. *Hematology* : in press, 2001
 128. Remus R, Zeschnigk M, Zuther I, Kanzaki A, Wada H, Yawata A, Muisznieks I, Schmitz B, Schell G, Doerfler W, Yawata Y : The dynamic state of DNA methylation in the promoter regions of the human red cell membrane protein (band 3, protein 4.2 and β -spectrin) genes. : in press, 2001
 129. 小峰光博 : 自己免疫性溶血性貧血の臨床. *日本醫事新法* 3975 : 1 - 12, 2000
 130. 小峰光博 : 自己免疫性溶血性貧血. *血液疾患診療マニュアル* 124 (8) : 172 - 176, 2000
 131. 近江俊徳、高橋順子、瀬尾たい子、田中光信、亀崎豊実、奥田浩、岩本禎彦、谷慶彦、梶井英治 :

- DVa (Partial D) 表現型のエピトープマッピング. DNA 多型 8 : 203 - 206, 2000
132. 梶井英治 : 自己免疫性溶血性貧血の自己抗原. 臨床血液 41 : 265 - 267, 2000
133. 梶井英治 : 蛋白系赤血球型の新知見. 医学のあゆみ 195 (4) : 266 - 267, 2000
134. 梶井英治 : 血球表面マーカー 1) 赤血球. 血液フロンティア 10 (5) : 589 - 596, 2000
135. 亀崎豊実、梶井英治 : 自己免疫性溶血性貧血の自己抗原. 臨床免疫 4 : 717 - 723, 2000
136. 梶井英治 : 血液型.(池田久實監修、霜山龍志編: 輸血学 理論と展望)、北海道大学図書刊行会 (札幌) 2000 : 21 - 36
137. 金丸昭久 : 溶血性貧血、二次性貧血、多血症. 標準血液学 (編池田康夫、押味和夫)、医学書院、東京 : 44 - 72, 2000
138. 木下タロウ : CD55 (DAF). 臨床免疫 34 : 312 - 317, 2000
139. 村上良子、木下タロウ : 発作性夜間血色素尿症 (PNH) モデルマウスと骨髄不全. 血液フロンティア 10 : 19 - 26, 2000
140. 村上良子、木下タロウ : 膜タンパク: GPI アンカー. 生体の科学 51 : 369, 2000
141. 木下タロウ : GPI アンカー型タンパク質検定法. 基礎生化学実験法 : 308 - 311, 2000
142. 木下タロウ : 体細胞突然変異. 遺伝と疾患 : 75 - 87, 2000
143. 神崎暁郎、中西秀和、八幡義人 : 溶血性貧血の診断基準・病型分類. 内科 85 (6) : 1644 - 1653, 2000
144. 八幡義人、神崎暁郎、中西秀和 : 貧血の遺伝子診断. 臨床成人病 30 (3) : 395 - 402, 2000
145. 八幡義人 : 赤血球膜異常症の病因としての protein 4.2 異常症. 医学と生物学 141 : 235 - 244, 2000
146. 八幡義人 : 遺伝性球状赤血球症、遺伝性楕円赤血球症. 日本医師会雑誌 124 (8) : 167 - 171, 2000
147. 八幡義人 : 「内科治療のグローバルスタンダード」遺伝性球状赤血球症. 臨床医 26 : 1236 - 1239, 2000

4. 骨髄線維症に関する研究業績

148. Okamura T, Kinukawa N, Niho Y, Mizoguchi H : Primary chronic myelofibrosis: Clinical and prognostic evaluation in 336 Japanese patients. *Int J Hematol* 73 : 194 - 198, 2001
149. 小田和昌彦、川西慶一、安藤恵子、荘司奈穂子、岩間博士、西巻治朗、田内哲三、宮澤啓介、木村之彦、芹澤博美、大屋敷一馬 : 末期に急激な骨髄線維症と血球貪食症候群様の臨床所見を呈した真性赤血球増加症合併成人 T 細胞性白血病. *臨床血液* 41 : 1254 - 1259, 2000
150. 岡村孝、徳永康信、仁保喜之 : 原発性骨髄繊維症の病態と予後. *Annual Review 血液* 2000 : 103 - 111, 2000
- 151.* 小田和昌彦、川西慶一、安藤恵子、荘司奈穂子、岩間博士、西巻治朗、田内哲三、宮澤啓介、木村之彦、芹澤博美、大屋敷一馬 : 末期に急激な骨髄繊維症と hemophagocytic syndrome 様の臨床所見を呈した真性赤血球増加症合併 ATL. 第 137 回日本臨床血液学会例会 : 2000 年 2 月 19 日、東京

5. 細胞移植療法に関する研究業績

152. Machida U, Tojo A, Ooi J, Iseki T, Nagayama H, Shirafuji N, Sawada M, Nakayama K, Tani K, Asano S : Refractory facial cellulitis following cosmetic rhinoplasty after cord blood stem cell transplantation. *Int J Hematol* 72 : 98 - 100, 2000
153. Machida U, Tojo A, Takahashi S, Iseki T, Nagayama H, Shirafuji N, Mori S, Wada Y, Ogami K, Yamada Y, Sakamaki H, Maekawa T, Tani K, Asano S : The effect of G-CSF administration in healthy donors before bone marrow harvesting. *Br J Haematol* 108 : 747 - 753, 2000
154. Matsumoto Y, Kawano C, Kametaka M, Otsuki T, Hatake K, Muroi K, Ozawa K : Phenotypic conversion of T-lineage lymphoblasts in the lymph node to myeloblasts in the bone marrow during relapse after allogeneic bone marrow transplantation. *Int J Hematol* 72 : 253 - 254, 2000
155. Yano K, Kanie T, Okamoto S, Kojima H, Yoshida T, Maruta I, Dohi H, Morishita Y, Ozawa K, Sao H, Sakamaki H, Hiraoka S, Imoto S, Morishima Y, Kodera Y : Quality of life in adult patients after stem cell transplantation. *Int J Hematol* 71 : 283 - 289, 2000
156. Kawano C, Muroi K, Kuribara R, Matsumoto Y, Ohtsuki T, Hatake K, Ozawa K : Engraftment syndrome after autologous peripheral blood stem cell transplantation with high numbers of peripheral blood stem cells followed by granulocyte colony-stimulating factor administration. *Bone Marrow Transplant* 25, 228 - 229, 2000
157. Muroi K, Suzuki T, Amemiya Y, Yoshida M, Kawano C, Kuribara R, Otsuki T, Izumi T, Tomizuka H,

- Komatsu N, Imagawa S, Hatake K, Miura Y, Ozawa K : Autologous peripheral blood stem cell transplantation for adults with B-lineage acute lymphoblastic leukemia: a pilot study. *Leukemia Lymphoma* 38 : 103 - 111, 2000
158. Tanaka Y, Kami M, Ogawa S, Machida U, Takahashi T, Ichikawa M, Yuji K, Izutsu K, Asai T, Kanda Y, Honda H, Mitani K, Chiba S, Hirai H, Yazaki Y : Hyperacute Graft-Versus-Host Disease and NKT cells. *Am J Hematol* 63 : 60 - 61, 2000
159. Machida U, Kami M, Fukui T, Kazuyama Y, Kinoshita M, Tanaka Y, Kanda Y, Ogawa S, Honda H, Chiba S, Mitani K, Muto Y, Osumi K, Kimura S, Hirai H : Real-time PCR for early diagnosis and monitoring of cytomegalovirus infection after bone marrow transplantation. *J Clin Microbiol* 38 : 2536 - 2542, 2000
160. Tanaka Y, Kami M, Ogawa S, Machida U, Takahashi T, Ichikawa M, Yuji K, Izutsu K, Asai T, Kanda Y, Honda H, Mitani K, Chiba S, Hirai H, Yazaki Y, Sasaki M, Sasaki K, Mineishi S : Hyperacute graft-versus-host disease and NKT cells. *Am J Hematol* 63 : 60 - 61, 2000
161. Machida U, Kami M, Fukui T, Kazuyama Y, Kinoshita M, Tanaka Y, Kanda Y, Ogawa S, Honda H, Chiba S, Mitani K, Muto Y, Osumi K, Kimura S, Hirai H : Real-time automated polymerase chain reaction for early diagnosis and monitoring of cytomegalovirus infection after bone marrow transplantation. *J Clin Microbiol* 38 : 2536 - 2542, 2000
162. Kami M, Matsumura T, Tanaka Y, Mikami Y, Miyakoshi S, Ueyama J, Morinaga S, Mori S, Machida U, Kanda Y, Chiba S, Sakamaki H, Hirai H, Muto Y : Serum levels of soluble interleukin-2 receptor after bone marrow transplantation: A true marker of acute graft-versus-host disease. *Leukemia and Lymphoma* 38 : 533 - 540, 2000
163. Ashida T, Kawanishi K, Ariyama T, Hamasaki H, Maeda Y, Tsubaki K, Kanamaru A : Successful graft-versus-leukemia effect of second bone marrow transplantation on relapsed leukemia cutis that was refractory to intensive chemotherapy and donor lymphocyte transplantation in a patient with acute monocytic leukemia. *Int J Hematol* 71 : 385 - 388, 2000
164. Takada S, Hatsumi N, Saito T, Matsushima T, Sakura T, Tamura J, Karasawa M, Miyawaki S : Two cases of chronic graft-versus-host disease with elevated levels of soluble Fas ligand in serum. *Am J Hematol* 64 : 133 - 136, 2000
165. Matsuyama T, Horibe K, Kato K, Kojima S : Bone marrow transplantation for children with acute myelogenous leukemia in the first complete remission. *Eur Cancer* 36 : 368 - 375, 2000
166. Miyamura K, Hamaguchi M, Taji H, Kanie T, Kohno A, Tanimoto M, Saito H, Kojima S, Matsuyama T, Kitaori K, Nagafuji k, Sato T, Kodera Y : Successful ribavirin therapy for severe adenovirus hemorrhagic cystitis after allogeneic marrow transplant from close HLA donors rather than distant donors. *Bone Marrow*

Transplant 25 : 545 - 548, 2000

167. Hoshino Y, Kimura H, Kuzushima K, Tsurumi T, Nemoto K, Kikuta A, Nishiyama Y, Kojima S, Matsuyama T, Morishima T : Early intervention in post-transplant lymphoproliferative disorder based on Epstein-Barr viral load. *Bone Marrow Transplant* 26 : 199 - 201, 2000
168. Kuzushima K, Kimura H, Hoshino Y, Yoshimi A, Tsuge I, Horibe K, Tsurumi T, Kojima S : Longitudinal dynamics of Epstein-Barr virus-specific cytotoxic T lymphocytes during posttransplant lymphoproliferative disorder. *J Infect Dis* 182 : 937 - 940, 2000
169. Tanaka N, Kimura H, Hoshino Y, Kato K, Yoshikawa T, Asano Y, Horibe K, Kojima S, Morishima T : Monitoring four herpesvirus in unrelated cord blood transplantation. *Bone Marrow Transplant* 26 : 1193 - 1197, 2000
170. Kondo M, Kojima S, Horibe k, kato K, Matsuyama T : Risk factors for chronic graft-versus-host disease after allogeneic stem cell transplantation in children. *Bone Marrow Transplant* (in press)
171. Koizumi K, Nishio M, Endo T, Takashima H, Haseyama Y, Fujimoto K, Yamamoto S, Sato N, Ikebuchi K, Ikeda H, Koike T, Sawada K : Large scale purification of human blood CD34+ cells from cryopreserved peripheral blood stem cells, using a nylon-fiber syringe system and immunomagnetic microspheres. *Bone Marrow Transplant* 26 : 787 - 793, 2000
172. Nishio M, Koizumi K, Endo T, Takashima H, Haseyama Y, Fujimoto K, Yamamoto S, Kobayashi H, Koike T, Sawada K : Effective high dose chemotherapy combined with CD34+ – selected autologous peripheral blood stem cell transplantation in a patient with cutaneous CD30-negative large T cell lymphoma. *Bone Marrow Transplant* 25 : 1315 - 1317, 2000
173. Endo T, Sakai T, Fujimoto K, Yamamoto S, Takashima H, Haseyama Y, Nishio M, Koizumi K, Koike T, Sawada K : A possible role for lamivudine as prophylaxis against hepatitis B reactivation in carriers of hepatitis B who undergo chemotherapy and autologous peripheral blood stem cell transplantation for non-Hodgkin' s lymphoma. *Bone Marrow Transplant* : in press
174. Yamaguchi M, Hirayama F, Kanai M, Sato N, Fukazawa K, Yamashita K, Sawada K, Koike T, Kuwabara M, Ikeda H, Ikebuchi K : Serum-free coculture system for ex vivo expansion of human cord blood primitive progenitors and acid mouse-reconstituting cells using human bone marrow primary stromal cells. *Exp Hematol* : in press
175. Kondo Y, Shiobara S, Nakao S : Identification of T-cell clones showing expansion associated with graft-versus-leukemia effect on chronic myelogenous leukemia in vivo and in vitro. *Exp Hematol* : in press, 2001
176. Shiobara S, Nakao S, Ueda M, Yamazaki H, Takahashi S, Asano S, Yabe H, Kato S, Imoto S, Maruta A,

- Yoshida T, Gondo H, Morishima Y, Kodera Y : Donor leukocyte infusion for Japanese patients with relapsed leukemia after allogeneic bone marrow transplantation: lower incidence of acute graft-versus-host disease and improved outcome. *Bone Marrow Transplant* 26 : 769 - 774, 2000
177. Okumura H, Yoshida T, Takamatsu H, Mochizuki Y, Takeshima M, Ohtake S, Ikeno T, Nakamura S, Nakao S : CD8-depleted donor leukocyte transfusions for cytomegalovirus antigenemia in patient with acute lymphoblastic leukemia treated with allogeneic CD34 (+) cell transplantation. *Am J Hematol* 65 : 278 - 280, 2000
178. Takami A, Nakao S, Ueda M, Miura Y, Matsuda T, Kawamura Y : Successful treatment of B-cell lymphoma associated with hemophagocytic syndrome using autologous peripheral blood CD34 positive cell transplantation followed by induction of autologous graft-versus-host disease. *Ann Hematol* 79 : 389 - 391, 2000
179. Miura Y, Ueda M, Zeng W, Wang H, Takami A, Yamazaki H, Kawamura Y, Shiobara S, Nakao S : Induction of autologous graft-versus-host disease with cyclosporin A after peripheral blood stem cell transplantation: analysis of factors affecting induction. *J Allergy Clin Immunol* 106 : S51 - 57, 2000
180. Kita T, Nei J, Matsu T, Yoshida H, Matsuda T, Yahagi H, Uchida S, Nakao S : GVHD after transfusion of stored RBC concentrates in a solution of mannitol, adenine, phosphate, citrate, glucose, and NaCl following trauma. *Transfusion* 40 : 297 - 301, 2000
181. Fujii N, Takenaka K, Hiaki A, Maeda Y, Ikeda K, Shinagawa K, Ashiba A, Munemasa M, Sunami K, Hiramatsu Y, Ishimaru I, Niiya K, Yoshino T, Harada M : Allogeneic peripheral blood stem cell transplantation for the treatment of chronic active Epstein-Barr virus infection. *Bone Marrow Transplant* 26 (7) : 805 - 808, 2000
182. Bessho A, Tabata M, Kiura K, Takata I, Nagata T, Fujimoto N, Kunisada K, Ueoka H, Harada M : Detection of occult tumor cells in peripheral blood from patients with small cell lung cancer by reverse transcriptase polymerase-chain reaction. *Anticancer Res* 20 (2B) : 1149 - 1154, 2000
183. Nawa Y, Teshima T, Sunami K, Hiramatsu Y, Maeda Y, Yano T, Shinagawa K, Ishimaru F, Omoto E, Harada M : G-CSF reduces IFN-gamma and IL-4 production by T cells after allogeneic stimulation by indirectly modulating monocyte function. *Bone Marrow Transplant* 25 (10) : 1035 - 1040, 2000
184. Kojima K, Mannami T, Yoshino T, Kawasaki H, Sasaki K, Maeda T, Furuya K, Harada M : Intramedullary spinal cord recurrence after high-dose chemotherapy and autologous peripheral blood progenitor cell transplantation for limited-disease small cell lung cancer. *Lung Cancer* 30 (2) : 145 - 148, 2000
185. Matsuo K, Hamajima N, Morishima Y, Harada M : Hospital capacity and post-transplant survival after allogeneic bone marrow transplantation: analysis of data from the Japan Society for Hematopoietic Cell

Transplantation. Bone Marrow Transplant 26 (10) : 1061 - 1067, 2000

186. 三宅勝久、上村智彦、榎藤久司、岡村孝、仁保喜之：Tacrolimus の投与が可能であった同種骨髄移植後の cyclosporine 脳症。臨床血液 41 : 585 - 589, 2000
187. 吉見礼美、加藤剛二、前田尚子、松山孝治、小島勢二：Recombinant human tissue Plasminogen activator (rh-TPA) による骨髄移植後に合併した肝中心静脈閉塞症の治療。臨床血液 41 : 103 - 107, 2000
188. 澤田賢一、小泉和輝：「自家末梢血 CD34 陽性幹細胞移植」造血の再生医学と細胞療法、「医学の歩み」医歯薬出版。194 : 1109 - 1113, 2000
189. 遠藤知之、澤田賢一、藤本勝也、山本聡、高島英典、長谷山美仁、西尾充史、小泉和輝、小池隆夫：HBs 抗体陽性患者における自家末梢血幹細胞移植後の B 型肝炎ウイルス再活性化の検討。臨床血液。41 : 322 - 328, 2000. 7. 11
190. 西尾充史、小泉和輝、遠藤知之、高島英典、長谷山美仁、藤本勝也、山本聡、澤田賢一、小池隆夫：自家末梢血幹細胞移植併用超大量化学療法後の再燃に Docetaxel が奏功した再発乳癌の一例。癌と化学療法 27 : 1421 - 1424, 2000
191. 遠藤知之、澤田賢一、藤本勝也、山本聡、高島英典、長谷山美仁、西尾充史、小泉和輝、小池隆夫：凍結保存細胞から純化を行い自家末梢血 CD34 陽性細胞選択移植を施行した悪性リンパ腫。臨床血液 41 : 681 - 686, 2000
192. 澤田賢一、小池隆夫：「末梢血幹細胞移植」移植医療、道医シリーズ第 40 篇（藤堂省、浅香正博監修）、北海道医報臨時増刊号：印刷中
193. 澤田賢一：1. 「造血幹細胞のホーミングのメカニズム」Annual Review 血液 2001、中外医学社：印刷中
194. 池田和真、原田実根：輸血・免疫血液。認定医・専門医のための内科学レビュー（監修: 酒井紀、早川弘一、西崎統、小林祥泰、福井次矢）、総合医学社、東京：196 - 200, 2000
195. 池田和真、原田実根：抗ヒト胸腺細胞ウマ免疫グロブリンと感染症悪化。この薬のこの副作用第 2 版（編: 松田重三）、医歯薬出版、東京：116 - 119, 2000
196. 平松靖史、角南一貴、前田嘉信、藤井伸治、別所昭宏、浅野尚美、小郷博昭、竹中克斗、品川克至、池田和真、原田実根：末梢血幹細胞採取・保存の効率化の検討。日本輸血学会雑誌 46 (1) : 1 - 6, 2000
197. 原田実根：AML（急性骨髄性白血病）における自己末梢血幹細胞移植の意義－Pro: 意義がある－。

血液・免疫・腫瘍 5 (3) : 315 - 319, 2000

198. 原田実根 : 末梢血幹細胞移植. *がん看護* 5 (4) : 304, 2000
- 199.* 稲葉淳、吉見礼美、高橋義行、野崎千佳、堀部敬三、柳井雅明、前田尚子、工藤寿子、加藤剛二、松山孝治、小島勢二 : 小児難治性貧血に対する非血縁者間同種骨髄移植. *Int J Hematol* 71 (Suppl 1) : 65, 2000
- 200.* 篠田邦大、加藤剛二、小島勢二、柳井雅明、前田尚子、工藤寿子、松山孝治 : 当科で思春期に施行した急性白血病骨髄移植症例の検討. *Int J Hematol* 71 (Suppl h 1) : 223, 2000
- 201.* 工藤寿子、柳井雅明、前田尚子、加藤剛二、松山孝治、国島伸治、神谷忠、小島勢二 : 生後 5 ヶ月時非血縁者間骨髄移植を施行した先天性無巨核球性血小板減少症の 1 例. *Int Hematol* 71 (Suppl 1) : 223, 2000
- 202.* 加藤剛二、柳井雅明、前田尚子、工藤寿子、松山孝治、小島勢二 : Ph⁺ 陽性急性白血病 14 症例に対する造血細胞移植. *臨床血液* 41 : 1132, 2000
- 203.* 工藤寿子、柳井雅明、前田尚子、加藤剛二、松山孝治、小島勢二 : 小児急性リンパ性白血病の自家骨髄移植症例における微小残存腫瘍の検出. *臨床血液* 41 : 1133, 2000

6. 遺伝子治療に関する研究業績

204. Tanabe T, Kuwabara T, Warashina M, Tani K, Taira K, Asano S : Oncogene inactivation in a mouse model: tissue invasion by leukaemic cells is stalled by loading them with a designer ribozyme. *Nature* 406 : 473 - 474, 2000
205. Tanabe T, Takata I, Kuwabara T, Warashina M, Kawasaki H, Tani k, Ohta S, Asano S, Taira K : Maxizyme, novel allosterically controllable ribozymes, can be designed to cleave various substrates. *Biomacromolecules* 1 : 108 - 117, 2000
206. Ozawa K, Fan D-S, Shen Y, Muramatsu S, Fujimoto K, Ikeguchi K, Ogawa M, Urabe M, Kume A, Nakano I : Gene therapy of Parkinson' s disease using adeno-associated virus (AAV) vectors. *J Neural Transm [suppl]* 58, 181 - 191, 2000
207. Chen H, Ikeda U, Shimpo M, Maeda Y, Shibuya M, Ozawa K, Shimada K : Inhibition of vascular endothelial growth factor activity by transfection with the soluble FLT-1 gene. *J Cardiovasc Pharm* 36, 498 - 502, 2000
208. Maeda Y, Ikeda U, Shimpo M, Shibuya M, Monahan J, Urabe M, Ozawa K, Shimada K : Adeno-associated virus-mediated vascular endothelial growth factor gene transfer into cardiac myocytes. *J Cardiovasc Pharm*

36, 438 - 443, 2000

209. Urabe M, Shimazaki K, Saga Y, Okada T, Kume A, Tobita K, Ozawa K : Self amplification system for recombinant adeno-associated virus production. *Biochem Biophys Res Commun* 276, 559 - 563, 2000
210. Shen Y, Muramatsu S, Ikeguchi I, Fujimoto K, Fan D, Ogawa O, Mizukami H, Urabe M, Kume A, Nagatsu I, Urano F, Suzuki T, Ichinose H, Nagatsu T, Monahan J, Nakano N, Ozawa K : Triple transduction with adeno-associated virus vectors expressing tyrosine hydroxylase, aromatic l-amino acid decarboxylase, and GTP cyclohydrolase I for gene therapy of Parkinson' s disease. *Hum Gene Ther* 11 : 1509 - 1519, 2000
211. Shimpo M, Ikeda U, Maeda Y, Ueno S, Ikeda M, Minota S, Takizawa T, Urabe M, Kume A, Monahan J, Ozawa K, Shimada K : Gene transfer into rat renal cells using adeno-associated virus vectors. *Am J Nephrol* 20 : 242 - 247, 2000
212. Shimazaki K, Urabe M, Monahan J, Ozawa K, Kawai N : Adeno-associated virus vector-mediated bcl-2 gene transfer into post-ischemic gerbil brain in vivo: prospects for gene therapy of ischemia-induced neuronal death. *Gene Ther* 7 : 1244 - 1249, 2000
213. Kume A, Xu R, Ueda Y, Urabe M, Ozawa K : Long-term tracking of murine hematopoietic cells transduced with a bicistronic retrovirus containing CD24 and EGFP genes. *Gene Ther* 7 : 1193 - 1199, 2000
214. Matsuda KM, Madoiwa S, Hasumi Y, Kanazawa T, Saga Y, Kume A, Mano H, Ozawa K, Matsuda M : A novel strategy for the tumor angiogenesis-targeted gene therapy: Generation of angiostatin endogenous plasminogen by protease gene transfer. *Cancer Gene Ther* 7 : 589 - 596, 2000
215. Urabe M, Kume A, Tobita K, Ozawa K : DNA/calcium phosphate precipitates mixed with medium are stable and maintain high transduction efficiency. *Anal Biochem* 278 : 91 - 92, 2000
216. Maeda Y, Ikeda U, Oya K, Shimpo M, Ueno S, Okada K, Saito t, Mano H, Ozawa K, Shimada K : Endogenously generated nitric oxide by nitric-oxide synthase gene transfer inhibits cellular proliferation. *J Phamacol Exp Therapeut* 292 : 387 - 393, 2000
217. Takahashi T, Hirano N, Takahashi T, Chiba S, Yazaki Y, Hirai H : Immuno-gene therapy against mouse leukemia using B7 molecules. *Cancer Gene Ther* 7 : 144 - 150, 2000
7. その他／各領域に共通する研究業績（造血幹細胞、サイトカイン、血球代謝などを含む）
218. Akasaka T, Akasaka H, Ueda C, Yonetani N, Maesako Y, Shimizu A, Yamabe H, Fukuhara S, Uchiyama T and Ohno H : Molecular and clinical features of non-Burkitt' s, diffuse large cell lymphoma of B-cell type associated with the *c-myc*/immunoglobulin heavy chain fusion gene. *J Clin Oncol* 18 (3) : 510 - 518, 2000

219. Akasaka H, Akasaka T, Kurata M, Ueda C, Shimizu A, Uchiyama T, Ohno H : Molecular anatomy of *BCL6* translocations revealed by long-distance polymerase chain reaction-based assays. *Cancer Res* 60 : 2335 - 2341, 2000
220. Kondo AT, Hori T, Fukunaga K, Morita R, Kawamata S and Uchiyama T : Both amino- and carboxyl-terminal domains of TRAF3 negatively regulate NF- κ B activation induced by OX40 signaling. *Biochem and Bioph Res Co* 272 : 856 - 863, 2000
221. Kunitomi A, Hori T, Imura A and Uchiyama T : Vascular endothelial cells provide T cells with costimulatory signals via the OX40/gp34 system. *J Leukocyte Biol* 67 : 111 - 118, 2000
222. Hishita T, Oikawa SO, Tohyama K, Miura Y, Nishihara T, Tohyama Y, Yoshida Y, Uchiyama T and Kawanishi S : Caspase 3 activation by lysosomal enzymes in cytochrome c-independent apoptosis in a myelodysplastic syndrome (MDS)-derived cell line P39. *Cancer Res* : in press.
223. Akimoto T, Kusano E, Inaba T, Iimura O, Takahashi H, Ikeda H, Ito C, Ando Y, Ozawa K, Asano Y : Erythropoietin regulates vascular smooth muscle cell apoptosis by phosphatidylinositol 3 kinase-dependent pathway. *Kidney Int* 58, 269 - 282, 2000
224. Tarumoto T, Imagawa S, Ohmine K, Mano A, Nagai T, Takatoku M, Muroi K, Hatake K, Ozawa K : A de novo Philadelphia chromosome-positive acute mixed-lineage leukemia with both major and minor BCR/ABL mRNA transcripts. *Am J Hematol* 65, 72 - 74, 2000
225. Tarumoto T, Imagawa S, Ohmine K, Nagai T, Higuchi M, Imai N, Suzuki N, Yamamoto M, Ozawa K : N-(G)-monomethyl-L-arginine inhibits erythropoietin gene expression by stimulating GATA-2. *Blood* 96, 1716 - 1722, 2000
226. Kashii Y, Uchida M, Kirito K, Tanaka M, Nishijima K, Toshima M, Ando T, Koizumi K, Endoh T, Sawada K, Momoi M, Miura Y, Ozawa K, Komatsu N : A member of Forkhead family transcription factor, FKHRL1, is one of the downstream molecules of phosphatidylinositol 3-kinase-Akt activation pathway in erythropoietin signal transduction. *Blood* 96, 941 - 949, 2000
227. Tabata M, Imagawa S, Tarumoto T, Ohmine K, Hatake K, Miura Y, Ozawa K : Essential thrombocythemia transformed to acute myelogenous leukemia with t(3; 17)(p 24; q12), del(5)(q13q34) after treatment with carboquone and hydroxyurea. *Jpn J Clin Oncol* 30, 310 - 312, 2000
228. Uwai M, Terui Y, Mishima Y, Tomizuka H, Ikeda M, Itoh T, Mori M, Ueda M, Inoue R, Yamada M, Hayasawa H, Horiuchi T, Niho Y, Matsumoto M, Ishizaka Y, Ikeda K, Ozawa K, Hatake K : A new apoptotic pathway for the complement factor B-derived fragment B β . *J Cell Physiol* 185, 280 - 292, 2000
229. Kawano C, Muroi K, Yoshizawa M, Kirikae T, Ozawa K : Filamented *Pseudomonas aeruginosa* and a

markedly high level of endotoxin in cerebrospinal fluid. *J Infect* 41, 114 - 115, 2000

230. Muroi K, Tarumoto T, Akioka T, Kirito K, Nagai T, Izumi T, Nakamura M, Hatake K, Hakomori S, Miura Y, Ozawa K : Sialyl-Tn- and neuron-specific enolase-positive minimally differentiated erythroleukemia. *Intern Med* 39, 843 - 846, 2000
231. Yoshida K, Yamashita Y, Miyazato A, Ohya K, Kitanaka A, Ikeda U, Shimada K, Yamanaka T, Ozawa K, Mano H : Mediation by the protein-tyrosine kinase Tec of signaling between the B cell antigen receptor and Dok-1. *J Biol Chem* 275 : 24945 - 24952, 2000
232. Tarumoto T, Imagawa S, Hotta T, Ohmine K, Nagai T, Takatoku M, Komatsu N, Hatake K, Ozawa K : A case of bilateral heel ulcers associated with hydroxyurea therapy for chronic myelogenous leukemia. *Jpn J Clin Oncol* 30 : 159 - 162, 2000
233. Jimbu Y, Naito H, Noguchi T, Akasaka Y, Ozawa K : Unusual tumor formation in the tongue of an acute myelocytic leukemia patient: report of a case. *Oral Med Pathol* 5 : 53 - 56, 2000
234. Tanaka H, Matsumura I, Nakajima K, Daino H, Sonoyama J, Yoshida H, Oritani K, Machii T, Yamamoto M, Hirano T, Kanakura Y : GATA-1 blocks IL-6-induced macrophage differentiation and apoptosis through the sustained expression of cyclin D1 and Bcl-2 in a murine myeloid cell line M1. *Blood* 95 (4) : 1264 - 1273, 2000
235. Matsumura I, Tanaka H, Kawasaki A, Odajima J, Daino H, Hashimoto K, Wakao H, Nakajima K, Kato T, Miyazaki H, Kanakura Y : Increased D-type cyclin expression together with decreased cdc2 activity confers megacaryocytic differentiation of a human thrombopoietin-dependent hematopoietic cell line. *the Journal of Biological Chemistry* 275 (8) : 5553 - 5559, 2000
236. Daino H, Matsumura I, Takada K, Odajima J, Tanaka H, Ueda S, Shibayama H, Ikeda H, Hibi M, Machii T, Hirano T, Kanakura Y : Induction of apoptosis by extracellular ubiquitin in human hematopoietic cells possible involvement of STAT3 degradation by proteasome pathway in interleukin 6-dependent hematopoietic cells. *Blood* 95 (8) : 2577 - 2585, 2000
237. Hongyo T, Li T, Syaifudin M, Baskar R, Ikeda H, Kanakura Y, Aozasa K, Nomura T : Specific c-kit mutations in sinonasal natural killer/T-cell lymphoma in China and Japan. *Cancer Research* 60 : 2345 - 2347, 2000
238. Odajima J, Matsumura I, Sonoyama J, Daino H, Kawasaki A, Tanaka H, Inohara H, Kitamura T, Downward J, Nakajima K, Hirano T, Kanakura Y : Full oncogenic activities of v-src are mediated by multiple signaling pathways Ras as an essential mediator for cell survival. *the Journal of Biological Chemistry* 275 (31) : 24096 - 24105, 2000