

- hypertension. Heart 84: 653-658; 2000.
- 8) 坂巻文雄: 原発性肺高血圧症 - 内科的治療を中心とし. 呼吸と循環 48 (9). 915-919; 2000.
 - 9) 坂巻文雄, 佐藤徹, 京谷晋吾, 永谷憲歳, 蓮田聰雄, 佐藤長人, 中西宣文, 国枝武義: 難治性肺高血圧の最新の治療法 1-2) NO ガス吸入の臨床効果-慢性効果-. Therapeutic Research 21 (9): 2041-2042; 2000.
 - 10) 永谷憲歳, 岡野嘉明, 佐藤長人, 大谷秀雄, 坂巻文雄, 京谷晋吾, 佐藤徹, 中西宣文, 国枝武義: 難治性肺高血圧の最新の治療法 2) 経口 PGi2 の臨床効果と使用法. Therapeutic Research 21 (9): 2043-2045; 2000.
 - 11) 坂巻文雄, 中西宣文: 病態に応じた在宅酸素療法 (HOT) をめざして ; チアノーゼ型先天性心疾患. HOME CARE TODAY vol. 4 (3). 72-74; 2000.
 - 12) 坂巻文雄: ARDS up-to date 2000; エラスター阻害薬の可能性と展望. Progress in Medicine 20 (11): 2215-2218; 2000.
 - 13) 佐藤長人, 京谷晋吾, 坂巻文雄, 永谷憲歳, 大谷秀雄, 中西宣文: 全身性エリテマトーデス, 抗リン脂質抗体症候群を合併した慢性肺血栓塞栓症肺高血圧型に肺動脈血栓内膜摘除術を施行した 3 例. 日呼吸会誌 38 (12): 958-964; 2000.

2. 学会発表

- 1) 坂巻文雄、京谷晋吾、永谷憲歳、佐藤長人、大谷秀雄、中西宣文: 肺循環障害における呼気中一酸化窒素 (NO) 濃度と肺血行動態の関係. 第 64 回日本循環器学会総会 (2000.4.1-4.3, 大阪).
- 2) 坂巻文雄、京谷晋吾、永谷憲歳、佐藤長人、大谷秀雄、中西宣文: 高血圧を伴う慢性肺血栓塞栓性症例における血漿中トロンボモジュリン測定の意義. 第 64 回日本循環器学会総会 (2000.4.1-4.3, 大阪).
- 3) F. Sakamaki, S. Kyotani, N. Nagaya, H. Oya, N. Sato, T. Satoh, N. Nakanishi: Decreased plasma level of thrombomodulin in chronic pulmonary thromboembolism improved after pulmonary thromboendarterectomy. American Thoracic Society (ATS) 2000. 96 th International Conference (May 5-10, 2000, Toronto, Canada).
- 4) F. Sakamaki, A. Taguchi, T. Kurita, W. Shimizu,

- K. Suyama, N. Nagaya, S. Kyotani, N. Satoh, N. Aihara, N. Nakanishi, S. Kamakura: Serum KL-6 level in subjects treated with amiodarone with and without pulmonary complications. American Thoracic Society (ATS) 2000. 96 th International Conference (May 5-10, 2000, Toronto, Canada).
- 5) 坂巻文雄: 呼吸(肺)機能検査の現状と展望. 第 3 回呼気病態生化学研究会 ; 教育講演 (2000.6.24, 大阪).
 - 6) 坂巻文雄、佐藤徹、大谷秀雄、京谷晋吾、佐藤長人 永谷憲歳、中西宣文、宮武邦夫. 睡眠時呼吸障害を伴う慢性低左心機能患者に対する夜間酸素療法および式非侵襲的持続陽圧呼吸療法の導入. 第 48 回日本心臓病学会学術集会 (2000.9.11-9.13, 大阪).
 - 7) 坂巻文雄: 心疾患および肺循環疾患領域における在宅酸素療法の実態と可能性. 第 65 回日本循環器学会総会 (2001.3.25-3.27, 京都).
 - 8) F. Sakamaki, S. Kyotani, H. Oya, N. Nagaya, N. Sato, N. Nakanishi: Exhaled nitric oxide level can divide patients with pulmonary arterial hypertension into two subgroups that have different response to prostacyclin therapy. 第 65 回日本循環器学会総会 (2001.3.25-3.27, 京都).
 - 9) F. Sakamaki, S. Suzuki, S. Sakuragi, S. Takagi, Y. Yasumura, N. Aihara, T. Sato, H. Takaki, Y. Goto. Improvement of ventilation-carbon dioxide production slope may depend on cigarette smoking level and early cardiac rehabilitation after acute myocardial infarction. 第 65 回日本循環器学会総会 (2001.3.25-3.27, 京都).

G. 知的所有権の取得状況

1. 特許取得
特になし
2. 実用新案登録
特になし
3. その他
特になし

研究成果の刊行に関する一覧表

平成 12 年度 研究成果の刊行に関する一覧 特定疾患対策研究事業

- 1) 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 prozitive progenitors and SCID mouse-reconstituting cells using human bone marrow primary stromal cells. *Exp Hematol* 2001; 29:174-182.
- 2) Bertlaccini,M.L., Atsumi,T., Lanchbury,J., Scaliz,A.R., Katsumata,K., Vaughan,R.W., Kondeatis,E., Kamashta,M.A., Koike,T., Huges,G.R.V.: Plasma tumor necrosis factor α levels and the -238* a promoter polymorphism in patients with antiphospholipid syndrome. *Thromb Haemost* 2001; 85: 198-203
- 3) Koike T.: Antiphospholipid antibodies in arterial thrombosis. *Ann Med* 2000; 32 Suppl 1; 27-31
- 4) Tsutsumi,A., Ichikawa,K., Matsura,E., Sawada,K., Koike,T.. Heterogeneous behavior anti- β 2-glycoprotein. *J. Rheumatol.* 2000; 22: 391-397.
- 5) Bertolaccini,M.L., Atsumi,T., Caliz,A.R., Amengual,O., Khamashta,M.A., Huges,G.R.V., Koike,T.: Association of antiphospholipidylserine/prothrombin autoantibodies with HLA class II genes. *Arthritis Rheum.* 2000; 43: 683-688..
- 6) Matsura,E., Koike T.: Accelerated atheroma and anti- β 2-glycoprotein I antibodies. *Lupus*. 2000; 9:210-216.
- 7) Ieko,M., Ichikawa,K., Atsumi,T., Takeuchi,R., Sawada,K., Yasukouchi,T., Koike,T. : Effects of β 2glycoprotein I and monoclonal anticardiolipin antibodies on extrinsic fibrinolysis. *Seminars Thrombosis Hemostasis*. 2000; 26: 85-90.
- 8) Atsumi,T., Koike,T. Cardiac valve diseases and antiphospholipid syndrome. *Int.med.* 2000; 39: 446-447..
- 9) Takeda,t., Mizugaki,Y., Matsubara,L., Imai,S., Koike,T.: Lytic epstein-barr virus infection in the synovial tissue of patients with rheumatoid arthritis. *Arthritis.Rheum.* 2000; 43: 1218-1225..

- 10) Tsutsumi,A.,Koike,T.: Antiphospholipid syndrome in the elderly. *Int .Med.* 2000; 39:529-530.
- 11) Koike,T.,Ichikawa,K.,Atsumi,T.,Kasahara,H.,Mastura,E.: β 2-glycoprotein I -anti- β 2-glycoprotein I Interaction.. *J Autoimm.* 2000; 15: 97-100.
- 12)Sasaki,K.,Tsutsui,A.,Wakamiya,K.,Ohtani,K.,Suzuki,Y.,Watanabe,Y.,Nakayama,N ..,Koike,T.: Mannose-binding lectin polymorphisms in patients with hepatitis C virus Infection. *Scand J Gastroenterol.* 2000; 9: 961-965.
- 13)Nishio,M.,Koizumi,K.,Endo,T.,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 Transplantation.* 2000; 25. 1315-1317
- 14) Matsuura E, Kobayashi K, Kasahara J, Shoenfeld Y, Koike T: Oxidized autoantigens in atherosclerosis.. Y Shoenfeld, D. Harats, G Wick ed. In Atherosclerosis and Autoimmunity. Elsevier Science B.V 143-150, 2001
- 15) Tsutsumi A, Koike T: Measurement of anti- β 2glycoprotein I antibodies. M Khamashta ed in Hughes Syndrome;Antiphospholipid Syndrome. Springer . 238-244. 2000
- 16)Matsuura,E.,Inagaki,J.,Kasahara,H.,Yamamoto,D.,Atsumi,T.,Kobayashi,K.,Kaihara, K.,Zhao,D.,Ichikawa,K.,Tsutsumi,A.,Yasuda,T.,Triplet,A.D.,Koike,T.: Proteolytic cleavage of β -glycoprotein I: reduction of antigenicity and the structural relationship. *Int Immnol.*2000; 12.1183-1192.
- 17)Takeuti,R.,Atsumi,T.,Ieko,M.,Takeya,H..Yasuda,S.,Ichikawa,S.,Tsutsumi,A.,Suzuki,K.,Koike,T. : Coagulation and fibrinolytic activities in 2siblings with β 2-glycoprotein I deficiency. *Blood.* 2000; 96:4.
- 18)Yasuda,S.,Tsutsumi,A.,Chiba,H.,Yanai,H.,Miyoshi,Y.,Takeuchi,R.,Horita,T.,Atsumi,T.,Ichikawa,K.,Mastuura,E.,Koike,T. : β 2-glycoprotein I deficiency: prevalence, genetic background and effects on plasma lipoprotein metabolism and hemostasis. *Atherosclerosis.*2000; 152 : 337-346.
- 19)tsumi,T.,Ieko,M.,Bertolaccini,M.L.,Ichikawa,K.,Tsutsumi,A.,Matsuura,E.,Koike,T.

:Association of autoantibodies against the phosphatidylserine-protein bin complex with manifestations of the antiphospholipid syndrome and with the presence of lupus anticoagulant. Arthritis Rheum.2000; 43.: 1982-1993.

20) 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 Transplantation. 2000; 26. 787-793.

21) Takeuchi,M., Bucala,L., Suzuki,T., Ohkubo,T., Yamazaki,M., Koike,T., Kameda,Y., Makita, Z. : Neurotoxicity of advanced glycation end-products cultured cortical neurons. J.Neuropathol Exp. Neurology. 2000; 59: 1094-1105.

22) Takeuchi,M., Makita,Z., Bucala,L., Suzuki,T., Koike,T., Kameda,Y. : Immunological evidence that non-carboxymethyllysine advanced glycation end-products are produced from short chain sugars and dicarbonyl compounds in vivo. Molecular Medicine. 2000; 6: 114-125.

23) Subang,R., Levine,J.S., Janoff,A.S., Davidson,S.M.K., Taraschi,T.F., Koike,T., Minchey, S.R., Whiteside,M., Tannenbaum,M., Rauch,J.: Phospholipid-bound β 2-glycoprotein I induces the production of anti-phospholipid antibodies. J. Autoimm. 2000; 15:21-32.

24) T. Kojima: Molecular biology of ryudocan, a endothelial heparan sulfate proteoglycan. Semi. Thromb. Hemost. 26 (1): 67-73, 2000.

25) T. Sugihara, T. Kojima, et al.: Identification of plasma antibody epitopes and gene abnormalities in Japanese hemophilia A patients with factor VIII inhibitor. Nagoya J. Med. Sci. 63 (1): 25-39, 2000

26) A. Katsumi, T. Kojima, et al.: Severe Factor VII Deficiency Caused by a Novel Mutation His348 to Gln in the Catalytic Domain. Thromb. Haemost. 83 (2): 239-243, 2000

27) K. Ishiguro, T. Kojima, et al.: Syndecan-4 Deficiency Impairs Focal Adhesion Formation Only under Restricted Conditions. J. Biol. Chem. 275 (8), 5249-5252, 2000

28) K. Iba, T. Kojima, et al.: The cysteine-rich domain of human ADAM12 supports cell

adhesion through syndecans and triggers signaling events that leads to b1-dependent cell spreading. *J. Cell. Biol.* 149 (5): 1143-1155, 2000.

- 29) I. Takahashi, **T. Kojima**, et al.: Detailed characterization of an anti-factor IX monoclonal antibody that neutralizes the prolonged ox brain prothrombin time of hemophilia BM by synthetic peptides. *Peptides* 21 (5): 603-753, 2000.
- 30) M. Sakata, **T. Kojima**, et al.: Ryudocan expression by lueinized granulosa cells is associated with the process of follicle atresia. *Fertil. Steril.* 74 (6): 1208-1214, 2000
- 31) K. Ishiguro, **T. Kojima**, et al.: Complete antithrombin deficiency in mice results in embryonic lethality. *J. Clin. Invest.* 106 (7): 873-878, 2000.
- 32) K. Ishiguro, **T. Kojima**, et al.: Syndecan-4 deficiency impairs the fetal vessels in the placental labyrinth. *Dev. Dynam.* 219 (6): 539-544, 2000.
- 33) T. Nakayama, **T. Kojima**, et al.: Short report: A case of purpura fulminans is caused by homozygous delta8857 mutation (protein C-nagoya) and successfully treated with activated protein C concentrate. *Br. J. Haematol.* 110 (3): 727-30, 2000.
- 34) Y. Nakayama, **T. Kojima**, et al.: Cloning and Characterization of the Murine Antithrombin Gene. *Thromb Res* 100 (3): 179-183, 2000.
- 35) T. Shimokawa , **T. Kojima**, et al.: Down-regulation of murine tissue factor pathway inhibitor mRNA by endotoxin and tumor necrosis factor- α in vitro and in vivo. *Thromb* 100 (3): 211-221, 2000.
- 36) Shinji Kunishima, **T. Kojima**, et al.: Mutations in the NMMHC-A gene cause autosomal dominant macrothrombo-cytopenia with leukocyte inclusions (May-Hegglin anomaly/Sebastian syndrome). *Blood* 97 (4): 1147-1149, 2001.
- 37) **Kubo T**, Tsuji H, Yamamoto T, Nakagawa M, Nakahara M, Hirasawa Y. Antithrombin III deficiency in a patient who have multifocal osteonecrosis. *Clin. Orthop.* 2000 in press
- 38) Tamon Kabata, **Toshikazu Kubo**, Tadami Matsumoto, Mitsuru Nishino, Katsuro Tomita, Shogo Katsuda, Takeshi Horii, Nobue Uto, and Isao Kitajima. Apoptotic cell death in steroid-induced osteonecrosis: An experimental study in rabbits. *Jouranal of*

Rheumatology, 27; 2166-2171, 2000

39) **Toshikazu Kubo**, Takuaki Yamamoto, Shigehiro Inoue, Motoyuki Horii, Keiichiro Ueshima , Yukihide Iwamoto, Yasusuke Hirasawa. Histological Findings of Bone Marrow Edema Pattern on MR in Osteonecrosis of the Femoral Head - a case report -. Journal of Orthopaedic Science, 5 ; 520-523, 2000

40) **Toshikazu Kubo**, Masafumi Kobayashi, Toshihiro Ishida, Shoichi Yamazoe, Mikihiro Fujioka, Shigehiro Inoue, and Yasusuke Hirasawa. A case of non-traumatic osteonecrosis of the femoral head treated with transtrochanteric anterior rotational osteotomy combined with vascularized iliac bone grafting, Journal of Orthopaedic Science, 5 ; 610-613, 2000

41) **Toshikazu Kubo**, Keishi Kamata, Masahiko Noguchi, Shigehiro Inoue, Motoyuki Horii, Mikihiro Fujioka, Yasusuke Hirasawa. Predictive value of MRI in avascular necrosis following talar fracture. Journal of Orthopaedic Surgery, 8 : 59-63, 2000

42) **Toshikazu Kubo**, Akihiro Kojima, Shoichi Yamazoe, Keiichiro Ueshima, Takuaki Yamamoto, Yasusuke Hirasawa. A case of osteonecrosis of femoral head which was developed after long-term topical steroid application. Journal of Orthopaedic Science, 6 : 92-94, 2001

43) Yukio Torii, Yukiharu Hasegawa, **Toshikazu Kubo**, Yoshihisa Kodera, Minami Yoshihisa, Yamada Yoshiaki, Hisashi Iwata: Osteonecrosis of the femoral head after allogenic bone marrow transplantation. Clin. Orthop. 2001, in press

44) Sugano N, Ohzono K, Nishii T, Sakai T, Haraguchi K, Yoshikawa H, **Kubo T**:Early MRI findings of rapidly destructive coxopathy. Magnetic Resonance Imaging. 2001, in press

45) **Toshikazu Kubo**, Isao Kitajima, Tadanobu Niratsuka, Atsushi Makinodan, Keiichiro Ueshima, Yasusuke Hirasawa. Fibrin monomer would be a useful predictor of pulmonary embolism following total hip arthroplasty. Journal of Orthopaedic Science, in press

46)久保俊一：特発性大腿骨頭壊死症. 今日の整形外科治療指針（第4版）668-672 医学書院 東京
2000.1.15

47)久保俊一, 堀井基行：股関節軟骨と寛骨臼関節唇のMRI評価. 股関節外科 (新整形外科

MOOK) 2001 印刷中

48)久保俊一、藤岡幹浩：大腿骨頭壊死症の病態と自然経過. 股関節外科（新整形外科 MOOK）2001 印刷中

49)久保俊一：MRI. ゴールデンスタンダード. 南光堂、2001 印刷中

50)久保俊一：骨壊死症. ダイナミックメディスン. 西村書店、2001 印刷中

51)久保俊一：レッグ・カルベ・ペルテス病・単純性股関節炎. 今日の治療指針. 医学書院、2001 印刷中

52) **Kitamoto Y**, Matsuo K, Tomita K. Different response of urinary excretion of VEGF between chronic and acute renal failure Kidney Int 59, 385-386, 2001

53) **Kitamoto Y**, Matsuo K, Tomita K. Different response of urinary excretion of VEGF between chronic and acute renal failure Kidney Int 59, 385-386, 2001

54) Ishida S, Shinoda K, Kawashima S, Oguchi Y, Okada Y, **Ikeda E**: Co-expression of VEGF receptors VEGF-R2 and neuropilin-1 in proliferative diabetic retinopathy. Invest Ophthalmol Vis Sci 41:1649-1656, 2000

55) Otani A, Takagi H, Oh H, Suzuma K, Matsumura M, **Ikeda E**, Honda Y: Angiotensin II-stimulated vascular endothelial growth factor expression in bovine retinal pericytes. Invest Ophthalmol Vis Sci 41:1192-1199, 2000

56) Takizawa M, Ohuchi E, Yamanaka H, Nakamura H, **Ikeda E**, Ghosh P, Okada Y: Production of tissue inhibitor of metalloproteinases-3 is selectively enhanced by calcium pentosan polysulfate in human rheumatoid synovial fibroblasts. Arthritis Rheum 43:812-820, 2000

57) Nakamura M, Fujishima S, Sawafuji M, Ishizaka A, Oguma T, Soejima K, Matsubara H, Tasaka S, Kikuchi K, Kobayashi K, **Ikeda E**, Sadick M, Hebert CA, Aikawa N, Kanazawa N, Yamaguchi K: Importance of interleukin-8 in the development of reexpansion lung injury in rabbits. Am J Respir Crit Care Med 161:1030-1036, 2000

58) Watanabe M, Yu S-K, Sawafuji M, Kawamura M, Horinouchi H, **Ikeda E**, Kobayashi K: Experimental lung transplantation using non-penetrating vascular clips for anastomosis

of the pulmonary artery. Thorac Cardiov Surg 48: 120-122, 2000

59) Hirose S, Hosoda Y, Furuya S, Otsuki T, Ikeda E: Expression of Vascular Endothelial Growth Factor and Its Receptors Correlates Closely with Formation of the Plexiform Lesion in Human Pulmonary Hypertension. Pathol Int 50:472-479,2000

60) Ikeda M, Hosoda Y, Hirose S, Okada Y, Ikeda E: Expression of vascular endothelial growth factor isoforms and their receptors Flt-1, KDR, and neuropilin-1 in synovial tissues of rheumatoid arthritis. J Pathol 191:426-433, 2000

61) Jinzaki M, Tanimoto A, Mukai M, Ikeda E, Kobayashi S, Yuasa Y, Narimatsu Y, Murai M: Double-phase helical CT of small renal parenchymal neoplasms: correlation with pathologic findings and tumor angiogenesis. J Comput Assist Tomogr 24:835-42, 2000

62) S. Miyamoto, N. Nagaya, T. Satoh, S. Kyotani, F. Sakamaki, M. Fujita, N. Nakanishi, K. Miyatake. Clinical correlates and prognostic significance of six-minute walk test in patients with primary pulmonary hypertension. Am J Respir Crit Care Med 161: 487-492; 2000.

63) N. Nagaya, T. Satoh, T. Nishikimi, M. Uematsu, S. Furuichi, F. Sakamaki, H. Oya, S. Kyotani, N. Nakanishi, Y. Goto, Y. Masuda, K. Miyatake, K. Kangawa. Hemodynamic, renal and hormonal effects of adrenomedullin infusion in patients with congestive heart failure. Circulation 101 (5): 498-503; 2000.

64) T. Hasuda, T. Satoh, A. Shimouchi, S. Kyotani, F. Sakamaki, N. Nagaya, N. Nakanishi, K. Miyatake. Improvement in exercise capacity with nitric oxide inhalation in patients with precapillary pulmonary hypertension. Circulation 101: 2066-2070; 2000.

65) H. Oya, N. Nagaya, T. Satoh, F.Sakamaki, S. Kyotani, M. Fujita, N. Nakanishi, K. Miyatake. Haemodynamic correlates and prognostic significance of serum uric acid in adult patients with Eisenmenger syndrome. Heart 84: 53-58; 2000.

66) F. Sakamaki, T. Satoh, N. Nagaya, S. Kyotani, H. Oya, N. Nakanishi, S. Kuribayashi, Y. Ishida. Correlation between severity of pulmonary arterial hypertension and 123I-metaiodobenzylguanidine left ventricular imaging. J Nucl Med 41: 1127-1133; 2000.

67) N. Nagaya, T. Nishikimi, M. Uematsu, T. Satoh, S. Kyotani, F. Sakamaki, M.

- Kakishita, K. Fukushima, Y. Okano, N. Nakanishi, K. Miyatake, K. Kangawa.
Plasma brain natriuretic peptide as a prognostic indicator in patients with primary pulmonary hypertension. Circulation 102: 865-870; 2000.
- 68) F. Sakamaki, S. Kyotani, N. Nagaya, N. Sato, H. Oya, T. Satoh, N. Nakanishi.
Increased Plasma P-selectin and Decreased Thrombomodulin In Pulmonary Arterial Hypertension Were Improved By Continuous Prostacyclin Therapy. Circulation 102: 2720-2725; 2000.
- 69) N. Nagaya, T. Nishikimi, M. Uematsu, T. Satoh, H Oya, S. Kyotani, F. Sakamaki, K Ueno, N. Nakanishi, K. Miyatake, K. Kangawa. Hemodynamic and hormonal effects of adrenomedullin in patients with pulmonary hypertension. Heart 84: 653-658; 2000.
- 70) 坂巻文雄: 原発性肺高血圧症 - 内科的治療を中心に-. 呼吸と循環 48 (9). 915-919; 2000.
- 71) 坂巻文雄, 佐藤徹, 京谷晋吾, 永谷憲歳, 蓮田聰雄, 佐藤長人, 中西宣文, 国枝武義:難治性肺高血圧の最新の治療法 1-2) NO ガス吸入の臨床効果-慢性効果-. Therapeutic Research 21 (9): 2041-2042; 2000.
- 72) 永谷憲歳, 岡野嘉明, 佐藤長人, 大谷秀雄, 坂巻文雄, 京谷晋吾, 佐藤徹, 中西宣文, 国枝武義:難治性肺高血圧の最新の治療法 2)経口 PGi2 の臨床効果と使用法. Therapeutic Research 21 (9): 2043-2045; 2000.
- 73) 坂巻文雄, 中西宣文: 病態に応じた在宅酸素療法(HOT)をめざして; チアノーゼ型先天性心疾患. HOME CARE TODAY vol. 4 (3). 72-74; 2000.
- 74) 坂巻文雄: ARDS up-to date 2000; エラスターーゼ阻害薬の可能性と展望. Progress in Medicine 20 (11): 2215-2218; 2000.
- 75) 佐藤長人、京谷晋吾、坂巻文雄、永谷憲歳、大谷秀雄、中西宣文: 全身性エリテマトーデス、抗リン脂質抗体症候群を合併した慢性肺血栓塞栓症肺高血圧型に肺動脈血栓内膜摘除術を施行した 3 例. 日呼吸会誌 38 (12): 958-964; 2000.
- 76) Yan Liu, Yin Wang, Munekazu Yamakuchi, Sumikazu Isowaki, Etsuro Nagata, Yuichi Kanmura, Isao Kitajima, Ikuro Maruyama. Upregulation of Toll-Like Receptor 2 Gene Expression in Macrophage Response to Peptidoglycan and High Concentration of Lipopolysaccharide Is Involved in NF- κ B Activation. Infection and Immunity. 69(5): 2788-2796. 2000

77) Krishna Pada Sarker, Soichi Obara, Masanori Nakata, Isao Kitajima, Ikuro Maruyama. Anandamide induces apoptosis of PC-12 cells: involvement of superoxide and caspase-3. FEBS Letters 472:39-44, 2000

78) Kishida,A.,Nakashima,M.,Sakamoto,N.,Serizawa,T.,Maruyama,I.,Akashi,M. Study on Complex Formation Between Recombinant Human Thrombomodulin Fragment and Thrombin Using Surface Plasmon Resonance. American Journal of Hematology 63:136-140,2000