

| | | | | | |
|---|---|---------------------------|-----|-----------|------|
| Daisuke Nakayama ¹ , Shogo Misumi ¹ , Ryouzaburo Mukai, Kuniomi Tachibana, Mamoru Umeda, Hideaki Shibata, Nobutoki Takamune and Shozo Shoji | Suppression of Multiclade R5 and X4 Human Immunodeficiency Virus Type-1 Infections by a Coreceptor-Based Anti-HIV Strategy. | J. Biochem | 138 | 1-12 | 2005 |
| Nobuhara Y, Usuku K, Saito M, Izumo S, Arimura K, Bangham CR, Osame M. | Genetic variability in the extracellular matrix protein as a determinant of risk for developing HTLV-I-associated neurological disease. | Immunogenetics | 57 | 944-52 | 2006 |
| Saito M, Eiraku N, Usuku K, Nobuhara Y, Matsumoto W, Kodama D, Sabouri AH, Izumo S, Arimura K, Osame M. | Apal polymorphism of vitamin D receptor gene is associated with susceptibility to HTLV-1-associated myelopathy/tropical spastic paraparesis in HTLV-1 infected individuals. | J Neurol Sci. | 232 | 29-35 | 2005 |
| Sabouri AH, Saito M, Usuku K, Bajestan SN, Mahmoudi M, Foroughpour M, Sabouri Z, Abbaspour Z, Goharjoo ME, Khayami E, Hasani A, Izumo S, Arimura K, Farid R, Osame M. | Differences in viral and host genetic risk factors for development of human T-cell lymphotropic virus type 1 (HTLV-1)-associated myelopathy/tropical spastic paraparesis between Iranian and Japanese HTLV-1-infected individuals. | J Gen Virol. | 86 | 773-81 | 2005 |
| Mori S, Mizoguchi A, Kawabata M, Fukunaga H, Usuku K, Maruyama I, Osame M. | Bronchoalveolar lymphocytosis correlates with human T lymphotropic virus type I (HTLV-I) proviral DNA load in HTLV-I carriers. | Thorax. | 60 | 138-43 | 2005 |
| Furukawa Y, Usuku K, Izumo S, Osame M. | Human T cell lymphotropic virus type I (HTLV-I) p12I is dispensable for HTLV-I transmission and maintenance of infection in vivo. | AIDS Res Hum Retroviruses | 20 | 1092-1099 | 2004 |
| Kodama D, Saito M, Matsumoto W, Sabouri AH, Izumo S, Arimura K, Usuku K, Bangham CR, Osame M. | Longer dinucleotide repeat polymorphism in matrix metalloproteinase-9 (MMP-9) gene promoter which correlates with higher HTLV-I Tax mediated transcriptional activity influences the risk of HTLV-I associated myelopathy/tropical spastic paraparesis (HAM/TSP). | J Neuro-immunol | 156 | 188-194 | 2004 |
| Sabouri AH, Saito M, Lloyd AL, Vine AM, Witkover AW, Furukawa Y, Izumo S, Arimura K, Marshall SE, Usuku K, Bangham CR, Osame M. | Polymorphism in the interleukin-10 promoter affects both provirus load and the risk of human T lymphotropic virus type I-associated myelopathy/tropical spastic paraparesis. | J Infect Dis. | 190 | 1279-1285 | 2004 |

| | | | | | |
|--|---|-------------------------|-----|-----------|------|
| Saito M, Usuku K, Nobuhara Y, Matsumoto W, Kodama D, Sabouri AH, Izumo S, Arimura K, Osame M. | Serum concentration and genetic polymorphism in the 5'-untranslated region of VEGF is not associated with susceptibility to HTLV-I associated myelopathy/tropical spastic paraparesis (HAM/TSP) in HTLV-I infected individuals. | J Neurol Sci | 219 | 157-161 | 2004 |
| Saito M, Nakagawa M, Kaseda S, Matsuzaki T, Jonosono M, Eiraku N, Kubota R, Takenouchi N, Nagai M, Furukawa Y, Usuku K, Izumo S, Osame M. | Decreased Human T Lymphotropic Virus Type I (HTLV-I) Provirus Load and Alteration in T Cell Phenotype after Interferon-alpha Therapy for HTLV-I-Associated Myelopathy/Tropical Spastic Paraparesis. | J Infect Dis. | 189 | 29-40 | 2004 |
| 出雲周二 | HIV感染症, AIDS. 痴呆症学(2) | 日本臨床 | 62巻 | 219-223 | 2004 |
| Matano, T., Kobayashi, M., Igarashi, H., Takeda, A., Nakamura, H., Kano, M., Sugimoto, C., Mori, K., Iida, A., Hirata, T., Hasegawa, M., Yuasa, T., Miyazawa, M., Takahashi, Y., Yasunami, M., Kimura, A., O'Connor, D. H., Watkins, D. I. Nagai, Y. | Cytotoxic T Lymphocyte based Control of Simian Immunodeficiency Virus Replication in a Preclinical AIDS Vaccine Trial. | J. Exp. Med. | 199 | 1709-1718 | 2004 |
| Lun, W-H., Takeda, A., Nakamura, H., Kano, M., Mori, K., Sata, T., Nagai, Y. and Matano T | Loss of virus-specific CD4+ T cells with increases in viral loads in the chronic phase after vaccine-based partial control of primary simian immunodeficiency virus replication in macaques. | J Gen Virol | 85 | 1955-1963 | 2004 |
| Ansari, A.A., Mayne, A.E., Onlamoon, N., Pattanapanyasat, K., Mori, K. and Villinger, F | Use of recombinant cytokines for optimized induction of antiviral immunity against SIV in the nonhuman primate model of human AIDS. | Immunol. Res. | 29 | 1-18 | 2004 |
| Villinger, F., Miller, R., Mori, K., Mayne, A.E., Bostik, P., Sundstrom, J.B., Sugimoto, C. and Ansari, A.A. | IL-15 is superior to IL-2 in the generation of long-lived antigen specific memory CD4 and CD8 T cells in rhesus macaques. | Vaccines | 22 | 3510-3521 | 2004 |
| Baba M | Inhibitors of HIV-1 gene expression and transcription. | Curr. Topics Med. Chem. | 4 | 871-883 | 2004 |
| 馬場昌範, 明石 満 | ナノ粒子を応用した抗エイズワクチンの開発研究 | Bio ベンチャー | 4 | 72-74 | 2004 |

| | | | | | |
|---|---|---------------------------------------|----|-----------|------|
| 馬場昌範 | 抗ウイルス薬研究最近の進歩：抗エイズ薬を中心として | ウイルス | 54 | 59-66 | 2004 |
| 馬場昌範, 明石 充 | エイズワクチン開発の現況とナノ粒子の応用 | バイオマテリアル | 22 | 394-399 | 2004 |
| Imamura S, Ishihara Y, Hattori T, Kurasawa O, Matsushita Y, Sugihara Y, Kanzaki N, Iizawa Y, Baba M, Hashiguchi S | CCR5 antagonists as anti-HIV-1 agents. 1. Synthesis and biological evaluation of 5-oxopyrrolidine-3-carboxamide derivatives | Chem. Pharm. Bull. | 52 | 63-73 | 2004 |
| Sawada H, Umedo M, Kawase T, Baba M, Tomita T | Synthesis and properties of fluoroalkyl end-capped sulfobetaine polymers | J. Appl. Polym. Sci. | 92 | 1144-1153 | 2004 |
| Imamura S, Kurasawa O, Nara Y, Ichikawa T, Nishikawa Y, Iida T, Hashiguchi S, Kanzaki N, Iizawa Y, Baba M, Sugihara Y | CCR5 antagonists as anti-HIV-1 agents. Part 2: Synthesis and biological evaluation of N-[3-(4-benzyliperidin-yl)propyl]-N,N(-) diphenylureas | Bioorg. Med. Chem. | 12 | 2295-2306 | 2004 |
| Dutschman GE, Grill SP, Gullen EA, Haraguchi K, Takeda S, Tanaka H, Baba M, Cheng Y-C | Novel 4'-substituted stavudine analog with improved anti-human immunodeficiency virus activity and decreased cytotoxicity | Antimicrob. Agents Chemother. | 48 | 1640-1646 | 2004 |
| Kaneko T, Shimomai S, Miyazaki M, Baba M, Akashi M | IgG responses to intranasal immunization with cholera-toxin-immobilized polymeric nanospheres in mice. | J. Biomater. Sci. Polymer Edn. | 15 | 661-669 | 2004 |
| Seto M, Aramaki Y, Okawa T, Miyamoto N, Aikawa K, Kanzaki N, Niwa S, Iizawa Y, Baba M, Shiraiishi M | Orally active CCR5 antagonists as anti-HIV-1 agents: Synthesis and biological activity of 1-benzothiepine 1,1-dioxide and 1-benzazepine derivative containing a tertiary amine moiety | Chem. Pharm. Bull. | 52 | 577-590 | 2004 |
| Miyake A, Akagi T, Enose Y, Ueno M, Kawamura M, Horiuchi R, Hiraishi K, Adachi M, Serizawa T, Narayan O, Akashi M, Baba M, Hayami M | Induction of HIV-specific antibody response and protection against vaginal SHIV transmission by intranasal immunization with inactivated SHIV-capturing nanospheres in macaques. | J. Med. Virol. | 73 | 368-377 | 2004 |
| Haraguchi K, Itoh Y, Takeda S, Honma Y, Tabaka H, Nitanda T, Baba M, Dutschman GE, Cheng Y-C | Synthesis and anti-HIV activity of 4'-cyano-2',3'-didehydro-3'-deoxythymidine | Nucleosides Nucleotides Nucleic Acids | 23 | 647-654 | 2004 |

| | | | | | |
|--|---|-----------------------|----|-----------|------|
| Gunaga P, Baba M, Jeong LS | Asymmetric synthesis of novel thioiso dideoxynucleosides with exocyclic methylene as potential antiviral agents | J. Org. Chem. | 69 | 3208-3211 | 2004 |
| Seto M, Aramaki Y, Imoto H, Aikawa K, Oda T, Kanzaki N, Iizawa Y, Baba M, Shiraishi M | Orally active CCR5 antagonists as anti-HIV-1 agents 2: Synthesis and biological activity of anilide derivatives containing a pyridine <i>N</i> -oxide moiety | Chem. Pharm. Bull. | 52 | 818-829 | 2004 |
| Wang X, Nitanda T, Shi M, Okamoto M, Furukawa T, Sugimoto Y, Akiyama S, Baba M | Induction of cellular resistance to nucleoside reverse transcriptase inhibitors by the wild-type breast cancer resistance protein | Biochem. Pharmacol. | 68 | 1363-1370 | 2004 |
| Seio K, Sasaki T, Yamagida K, Baba M, Sekine M | Synthesis of benzodithiol-2-yl substituted nucleoside derivatives as lead compounds having anti-bovine viral diarrhea virus activity | J. Med. Chem. | 47 | 5265-5275 | 2004 |
| Haraguchi K, Takahashi H, Tanaka H, Hayakawa H, Ashida N, Nitanda T, Baba M | Synthesis and antiviral activities of 1'-carbon-substituted 4'-thiothymidines | Bioorg. Med. Chem. | 12 | 5309-5316 | 2004 |
| Masuda N, Yamamoto O, Fujii M, Ohgami T, Fujiyasu J, Kotani T, Morimoto A, Orita M, Kurihara H, Koga H, Nakahara H, Kageyama S, Ohta M, Inoue H, Hatta T, Suzuki H, Sudo K, Shimizu Y, Kodama E, Matsuoka M, Fujiwara M, Yokota T, Shigeta S, Baba M | Studies of nonnucleoside HIV-1 reverse transcriptase inhibitors. Part 1: Design and synthesis of thiazolidenebenzenesulfonamides | Bioorg. Med. Chem. | 12 | 6171-6282 | 2004 |
| Yanagida K, Baba C, Baba M | Inhibition of bovine viral diarrhea virus (BVDV) by mizoribine: Synergistic effect of combination with interferon- α | Antiviral Res. | 64 | 195-201 | 2004 |
| Sawada H, Kawai Y, Kawase T, Inaba Y, Sugiya M, Baba M, Tomita T | Synthesis of fluoroalkyl end-capped oligomers containing pendant phosphinic and phosphonic acid segments - application to novel fluorinated bioactive polymers possessing antibacterial and anti-HIV-1 activities | Int. J. Polym. Mater. | 54 | 1-21 | 2005 |
| Seto M, Miyamoto N, Aikawa K, Aramaki Y, Kanzaki N, Iizawa Y, Baba M, Shiraishi M | Orally active CCR5 antagonists as anti-HIV-1 agents. Part 3: Synthesis and biological activities of 1-benzazepine derivatives containing a sulfoxide moiety | Bioorg. Med. Chem. | 13 | 363-386 | 2005 |

| | | | | | |
|---|---|----------------------------|-----|-----------|------|
| Imamura S, Nishikawa Y, Ichikawa T, Hattori T, Matsushita Y, Hashiguchi S, Kanzaki N, Iizawa Y, Baba M, Sugihara Y | CCR5 antagonists as anti-HIV-1 agents. Part 3: Synthesis and biological evaluation of piperidine-4-carboxamide derivatives | Bioorg. Med. Chem. | 13 | 397-416 | 2005 |
| Baba C, Yanagida K, Kanzaki T, Baba M | Colorimetric lactate dehydrogenase (LDH) assay for evaluation of antiviral activity against bovine viral diarrhea virus (BVDV) in vitro | Antiviral Chem. Chemother. | 16 | 33-39 | 2005 |
| Wang X, Uto T, Sato K, Ide K, Akagi T, Okamoto M, Kaneko T, Akashi M, Baba M | Potent activation of antigen-specific T cells by antigen-loaded nanospheres | Immunol. Lett. | 98 | 123-130 | 2005 |
| Masuda N, Yamamoto O, Fujii M, Ohgami T, Fujiyasu J, Kotani T, Morimoto A, Orita M, Kurihara H, Koga H, Nakahara H, Kageyama S, Ohta M, Inoue H, Hatta T, Shintani M, Suzuki H, Sudo K, Shimizu Y, Kodama E, Matsuoka M, Fujiwara M, Yokota T, Shigeta S, Baba M | Studies of nonnucleoside HIV-1 reverse transcriptase inhibitors. Part 2: Synthesis and structure-activity relationship of 2-cyano and 2-hydroxy thiazolidenebenzonsulfonamide derivatives | Bioorg. Med. Chem | 15 | 949-961 | 2005 |
| Kawamura M, Wang X, Uto T, Sato K, Ueno M, Akagi T, Hiraishi K, Matsuyama T, Akashi M, Baba M | Induction of dendritic cell-mediated immune responses against HIV-1 by antigen-capturing nanospheres in mice | J. Med. Virol. | 76 | 7-15 | 2005 |
| Sato K, Nakaoka T, Yamashima N, Yagita H, Kawasaki H, Morimoto C, Baba M, Matsuyama T. | TRAIL-transduced dendritic cells protect mice from acute graft-versus-host disease and leukemia relapse | J. Immunol. | 174 | 4025-4033 | 2005 |
| 岸田 修二 | HIV神経合併症：とくに脳症の臨床像と今後の問題点 <シンポジウム8-3>神経感染症の克服をめざして | 臨床神経 | 44 | 852-854 | 2004 |
| 岸田 修二 | HAART療法後のHIV脳症 | 脳と神経 | 56 | 301-310 | 2004 |
| Wu X., Yano M., Washida H and Kido H. | The second metal-binding site of 70KDa heat-shock protein is essential for ADP binding, ATP hydrolysis and ATP synthesis. | Biochem. J. | 378 | 793-799 | 2004 |

| | | | | | |
|---|---|-----------------------------|-------|-----------|------|
| Wojcik C., Yano M and DeMartino G. | RNA interference of valosin-containing protein (VCP/97) reveals multiple cellular roles linked to ubiquitin/proteasome-dependent proteolysis. | J. Cell. Sci | 117 | 281-292 | 2004 |
| Yano M., Koumoto Y., Kanesaki Y., Wu X, Kido H. | 20S proteasome prevents aggregation of heat-denatured proteins without PA700 regulatory subcomplex like a molecular chaperone. | Biomacromolecules | 5(4), | 1465-1469 | 2004 |
| Yao D., Chen Y., Kuwajima M., Shiota M, Kido H. | Accumulation of mini-plasmin in the cerebral capillaries causes vascular invasion of the murine brain by a pneumotropic influenza A virus: implication for influenza-associated encephalopathy. | Biol. Chem. | 385 | 487-492 | 2004 |
| Nakajima A, Yamada K, Nagai T, Uchiyama T, Miyamoto Y, Mamiya T, He J, Nitta A, Mizuno M, Tran MH, Seto A, Yoshimura M, Kitaichi K, Hasegawa T, Saito K, Yamada Y, Seishima M, Sekikawa K, Kim HC, Nabeshima T. | Role of tumor necrosis factor-alpha in methamphetamine-induced drug dependence and neurotoxicity. | J Neurosci | 24 | 2212-2225 | 2004 |
| Fujigaki H, Takemura M, Takahashi K, Yamada Y, Fujii H, Wada H, Saito K, Ohnishi H, Seishima M. | Genotyping of hepatitis C virus by melting curve analysis with SYBR Green I. | Ann Clin Biochem | 41 | 130-132 | 2004 |
| Ohashi H, Saito K, Fujii H, Wada H, Furuta N, Takemura M, Maeda S, Seishima M. | Changes in quinolinic acid production and its related enzymes following D-garactosamine and lipopolysaccharide-induced hepatic injury. | Arch Biochem Biophys | 428 | 154-159 | 2004 |
| Egashira Y, Murotani G, Tanabe A, Saito K, Uehara K, Morise A, Sato M, Sanada H. | Differential effects of dietary fatty acids on rat liver alpha-amino-beta-carboxymuconate-epsilon-semialdehyde decarboxylase activity and gene expression. | Biochim Biophys Acta | 1686 | 118-124 | 2004 |
| Sudo K, Ymada Y, Moriwaki H, Saito K, Seishima M. | Lack of tumor necrosis factor receptor type 1 inhibits liver fibrosis induced by carbon tetrachloride in mice. | Cytokine (in press) | | | 2005 |
| Ohta H, Wada H, Niwa T, Kirii H, Iwamoto N, Fujii H, Saito K, Sekikawa K, Seishima M. | Disruption of tumor necrosis factor- α gene diminishes the development of atherosclerosis in apoE-deficient mice. | Atherosclerosis, (in press) | | | 2005 |

| | | | | | |
|---|---|------------------------------|-----|-----------|------|
| Murakami Y, Saito K, Hara A, Zhu Y, Sudo K, Niwa M, Fujii H, Wada H, Ishiguro H, Mori H, Seishima M | Increases in TNF- α following transient global cerebral ischemia do not contribute to neuron death in mouse hippocampus | J. Neurochem, (in press) | | | 2005 |
| Umehara F, Nagatomo S, Yoshishige K, Saito M, Furukawa Y, Usuku K, Osame M. | Chronic progressive cervical myelopathy with HTLV-I infection: Variant form of HAM/TSP? . . . | Neurology | 63 | 1276-1280 | 2004 |
| Misumi S, Takamune N, Ohtsubo Y, Waniguchi K, Shoji S. | Zn ²⁺ binding to cysteine-rich domain of extracellular human immunodeficiency virus type 1 Tat protein is associated with Tat protein-induced apoptosis. | AIDS Res Hum Retroviruses | 20 | 297-304. | 2004 |
| Misumi S, Morikawa Y, Tomonaga M, Ohkuma K, Takamune N, Shoji S. | Blocking of human immunodeficiency virus type-1 virion autolysis by autologous p2(gag) peptide. | J Biochem (Tokyo) | 35 | 447-453 | 2004 |
| Saito M, Nakagawa M, Kaseda S, Matsuzaki T, Jonosono M, Eiraku N, Kubota R, Takenouchi N, Nagai M, Furukawa Y, Usuku K, Izumo S, Osame M. | Decreased Human T Lymphotropic Virus Type I (HTLV-I) Provirus Load and Alteration in T Cell Phenotype after Interferon-alpha Therapy for HTLV-I-Associated Myelopathy/Tropical Spastic Paraparesis. | J Infect Dis. | 189 | 29-40 | 2004 |
| 出雲周二 | HIV感染症, AIDS. 痴呆症学(2) | 日本臨床 | 62巻 | 219-223 | 2004 |
| Xing HQ, Moritoyo T, Mori K, Tadakuma K, Sugimoto S, Ono F, Hayakawa H, Izumo S. | Simian immunodeficiency virus encephalitis in the white matter and degeneration of the cerebral cortex occur independently in simian immunodeficiency virus-infected monkey. | J Neurovirol | 9 | 508-518 | 2003 |
| Hasui K, Takatsuka T, Sakamoto R, Matsushita S, Tsuyama S, Izumo S, Murata F. | Double autoimmunostaining with glycine treatment. | J Histochem Cytochem. | 51 | 1169-1176 | 2003 |
| Takenouchi N, Yamano Y, Usuku K, Osame M, Izumo S. | Usefulness of proviral load measurement for monitoring of disease activity in individual patients with human T-lymphotropic virus type I-associated myelopathy/tropical spastic paraparesis. | J Neurovirol. | 9 | 29-35 | 2003 |
| Furukawa Y, Kubota R, Eiraku N, Nakagawa M, Usuku K, Izumo S, Osame M. | Human T-cell lymphotropic virus type I (HTLV-I)-related clinical and laboratory findings for HTLV-I-infected blood donors. | J Acquir Immune Defic Syndr. | 32 | 328-334 | 2003 |
| Kubota R, Furukawa Y, Izumo S, Usuku K, Osame M. | Degenerate specificity of HTLV-1-specific CD8 ⁺ T cells during viral replication in patients with HTLV-1-associated myelopathy (HAM/TSP). | Blood | 101 | 3074-3081 | 2003 |

| | | | | | |
|---|---|-------------------------|---------|-----------|------|
| Kiwaki T, Umehara F, Arimura Y, Izumo S, Arimura K, Itoh K, Osame M. | The clinical and pathological features of peripheral neuropathy accompanied with HTLV-I associated myelopathy. | J Neurol Sci. | 206 | 17-21 | 2003 |
| Furukawa Y, M. Saito, W. Matsumoto, K. Usuku, Y. Tanaka, S. Izumo, M. Osame. | Different cytokine production in Tax expressing cells between HTLV-I associated myelopathy/tropical spastic paraparesis patients and asymptomatic HTLV-I carriers. | J Infect Dis. | 187 | 1116-1125 | 2003 |
| Saito M, Braud V.M, Goon P, Hanon E, Taylor GP, Saito A, Eiraku N, Tanaka Y, Usuku K, Weber JN, Osame M, Bangham | CRM. Low frequency of CD94/NKG2A -positive T lymphocytes in HTLV-1 associated myelopathy/tropical spastic paraparesis patients but not in asymptomatic carriers. | Blood | 102(2) | 577-584 | 2003 |
| Sabouri AH, Saito M, Matsumoto W, Kodama D, Farid R, Izumo S, Usuku K, Osame M. | A C77G point mutation in CD45 exon 4, which is associated with the development of multiple sclerosis and increased susceptibility to HIV-1 infection, is undetectable in Japanese population. | Eur J Neurol | 10 | 737-739 | 2003 |
| Sugimoto C, Tadakuma K, Otani I, Moritoyo T, Akari H, Ono F, Yoshikawa Y, Sata T, Izumo S, Mori K. | Nef gene is required for robust productive infection by simian immunodeficiency virus of T-cell-rich paracortex in lymph nodes. | J Virol. | 77 | 4169-4180 | 2003 |
| Villinger F, Miller R, Mori K, Mayne AE, Bostik P, Sundstrom JB, Sugimoto C, Ansari A. | IL-15 is superior to IL-2 in the generation of long-lived antigen specific memory CD4 and CD8 T cells in rhesus macaques. | Vaccines | 22 | 5312-5321 | |
| Villinger, F., Mayne A. F., Bostik P., Mori K., Jensen P. E., Ahmed R. Ansari, A. | Evidence for antibody mediated enhancement of SIVgag antigen processing and cross presentation in SIV infected rhesus macaques. | J Virol | 77 | 10-24 | 2003 |
| 森 一泰、永井美之. | 糖鎖とAIDSウイルス. | Molecular Medicine. | 9 | 1062-1069 | 2003 |
| 岸田修二 | HIV脳症 | 脳の科学 | 25 | 945-951 | 2003 |
| 頼高朝子、岸田修二 | Acquired immunodeficiency syndrome(AIDS)にみられる脳疾患. | 臨床医 | 29(増刊号) | 758-761 | 2003 |
| 船田伸顕 | HIV-1と中枢神経病変 | 病理と臨床 | 21 | 139-144 | 2003 |
| 森山佐知子、船田伸顕 | AIDSに合併する主な日和見感染症 | 病理と臨床 | 21 | 145-151 | 2003 |
| Baba M | Inhibitors of HIV-1 gene expression and transcription | Curr. Topics Med. Chem. | 4 | 871-82 | 2004 |
| Miyake A, Akagi T, Enose Y, Ueno M, Kawamura M, Horiuchi R, Hiraishi K, Adachi M, Serizawa T, Narayan O, Akashi M, Baba M, Hayami M | Induction of HIV-specific antibody response and protection against vaginal SHIV transmission by intranasal immunization with inactivated SHIV-capturing nanospheres in macaques. | J. Med. Virol. | 73 | 368-377 | 2004 |

| | | | | | |
|---|--|---------------------------------------|-----|-----------|------|
| Dutschman GE, Grill SP, Gullen EA, Haraguchi K, Takeda S, Tanaka H, Baba M, Cheng Y-C | A novel 4'-substituted analog with improved anti-HIV activity and decreased cytotoxicity | Antimicrob. Agents Chemother. | 48 | 1640-1646 | 2004 |
| Haraguchi K, Itoh Y, Takeda S, Honma Y, Tabaka H, Nitanda T, Baba M, Dutschman GE, Cheng Y-C | Synthesis and anti-HIV activity of 4'-cyano-2',3'-didehydro-3'-deoxythymidine | Nucleosides Nucleotides Nucleic Acids | 23 | 647-654 | 2004 |
| Imamura S, Ishihara Y, Hattori T, Kurasawa O, Matsushita Y, Sugihara Y, Kanzaki N, Iizawa Y, Baba M, Hashiguchi S | CCR5 antagonists as anti-HIV-1 agents. 1. Synthesis and biological evaluation of 5-oxopyrrolidine-3-carboxamide derivatives | Chem. Pharm. Bull. | 52 | 67-73 | 2004 |
| Haraguchi K, Takeda S, Tanaka H, Nitanda T, Baba M, Dutschman GE, Cheng Y-C | Synthesis of a highly active new anti-HIV agent 2',3'-didehydro-3'-deoxy-4'-ethynylthymidine. | Bioorg. Med. Chem. Lett. | 13 | 3775-3777 | 2003 |
| Mitsuo M, Noguchi T, Nakajima Y, Aoki S, Ren X-Q, Sumizawa T, Haraguchi M, Kobayashi M, Baba M, Nagata Y, Akiyama S, Furukawa T | Binding site(s) on P-glycoprotein for a newly synthesized photoaffinity analog of Agosterol A | Oncol. Res. | 14 | 39-48 | 2003 |
| Miyashita T, Baba M, Shigeta S, Mori M, Shinozuka K | Synthesis and anti-HIV-1 activities of novel 10-thiaisoalloxazines, a structural analog of C-5 and/or C-6 substituted pyrimidine acyclonucleoside | Chem. Pharm. Bull. | 51 | 630-634 | 2003 |
| Miyake H, Iizawa Y, Baba M | A novel reporter T-cell line highly susceptible to both CCR5- and CXCR4-using human immunodeficiency virus type 1 and its application to drug susceptibility tests | J. Clin. Microbiol. | 41 | 2515-2521 | 2003 |
| Sato K, Yamashita N, Baba M, Matsuyama T | Modified myeloid dendritic cells act as regulatory dendritic cells to induce anergic and regulatory T cells | Blood | 101 | 3581-3589 | 2003 |
| Sato K, Yamashita N, Yamashita N, Baba M, Matsuyama T | Regulatory dendritic cells protect mice from murine acute graft-versus-host disease and leukemia relapse | Immunity | 18 | 1-20 | 2003 |

| | | | | | |
|---|---|-------------------------------|---------|-----------|------|
| Okamoto M, Wang X, Debyser Z, De Clercq E, Baba M | Establishment of an in vitro assay system mimicking human immunodeficiency virus type 1-induced neural cell death and evaluation of inhibitors thereof | J. Virol. Methods | 108 | 195-203 | 2003 |
| Akagi T, Kawamura M, Ueno M, Hiraishi K, Adachi M, Serizawa T, Akashi M, Baba M | Mucosal immunization with inactivated HIV-1-capturing nanospheres induces a significant HIV-1-specific vaginal antibody response in mice | J. Med. Virol. | 69 | 163-172 | 2003 |
| Wang X, Furukawa T, Nitanda T, Okamoto M, Sugimoto Y, Akiyama S, Baba M | Breast cancer resistance protein (BCRP/ABCG2) induces cellular resistance to HIV-1 nucleoside reverse transcriptase inhibitors | Mol. Pharmacol. | 63 | 65-72 | 2003 |
| 馬場昌範, 明石 満 | ナノ粒子を応用した抗エイズワクチンの開発研究 | Bioベンチャー | 4 | 72-74 | 2004 |
| 馬場昌範 | 抗HIV-1薬 | 臨床と微生物 | 30 | 581-588 | 2003 |
| 馬場昌範, 明石 満 | エイズ経鼻ワクチンの開発 - ナノ粒子を用いたアプローチ | 化学療法の領域 | 19 | 1757-1762 | 2003 |
| 馬場昌範 | 逆転写酵素阻害薬の新薬開発 | 現代医療 | 35 | 1323-1327 | 2003 |
| 金子達雄, 馬場昌範, 明石 満 | 高分子ナノスフェアを用いるエイズワクチンの開発 | 生物工学 | 81 | 182-186 | 2003 |
| Iwasaki M, et al. | Tumor necrosis factor- α contributes to the development of allergic rhinitis in mice | J Allergy Clin Immunol | 112 (1) | 134-140 | 2003 |
| Ito H, et al. | Role of Valpha 14 NKT cells in the development of impaired liver regeneration in vivo | Hepatology | 38 (5) | 1116-1124 | 2003 |
| Fujigaki H, et al. | Genotyping of hepatitis C virus by melting curve analysis with SYBR green I | Ann Clin Biochem | 41(Pt2) | 130-132 | 2004 |
| Iwasaki M, et al. | Tumor necrosis factor-alpha from bone marrow-derived cells is not essential for the expression of adhesion molecules in lipopolysaccharide-induced nasal inflammation | Cytokine | 21 (3) | 129-136 | 2003 |
| Kirii H, et al. | Lack of Interleukin-1 beta Decreases the Severity of Atherosclerosis in ApoE-Deficient Mice | Arterioscler Thromb Vasc Biol | 23 (4) | 656-660 | 2003 |
| Kasahara S, et al | Lack of tumor necrosis factor alpha induces impaired proliferation of hepatitis B virus-specific cytotoxic T lymphocytes | J Virol | 77(4) | 2469-2476 | 2003 |

| | | | | | |
|---|---|---------------------------------|-----|-----------------|------|
| Misumi,S., Morikawa,Y., Tomonaga,M., Ohkuma,K., Takamune,N., Shoji.S. | Blocking of Human Immunodeficiency Virus Type-1 Virion Autolysis by Autologous p2gag Peptide. | Journal of Biochemistry | 135 | 447-453 | 2004 |
| Misumi,S., Takamune,N., Ohtsubo,Y., Waniguchi,K., Shoji,S. | Zn ²⁺ binding to cysteine-rich domain of extracellular human Immunodeficiency virus type-1 Tat protein is associated with Tat protein-induced apoptosis. | AIDS Res. Hum. Retroviruses. | 20 | 297-304 | 2004 |
| Misumi ,S., Endo, M., Mukai, R., Tachibana, K., Umeda, M., Honda, T., Takamune, N., Shoji, S. | A novel cyclic peptide immunization strategy for preventing HIV-1/AIDS infection and progression. | J. Biol. Chem. | 278 | 32335- 32343 | 2003 |
| 三隅将吾、高宗暢暁、庄 司省三 | HIV-1 感染および病態進行を阻止 する新規環状ペプチドワクチンの 開発に向かって—HIV-1 コレセプ ターに対する自己抗体誘導による HIV-1 感染阻害— | 医学のあゆみ | 207 | 67-72 | 2003 |