

わる働きのあることも明らかにした。今後は血友病治療遺伝子を transgene とした場合の組み合わせで調べねばならないだろう。

D. 結論

HIV の組み込みに cis に関わる領域のあることを明らかにした。

E. 健康危険情報

該当なし

F. 発表

(1) 原著

- 1: Miura T, Goto M, Hosoya N, Odawara T, **Kitamura Y**, Nakamura T, Iwamoto A. "Depletion of mitochondrial DNA in HIV-1-infected patients and its amelioration by antiretroviral therapy." **J Med Virol.** 70(4):497-505. (2003)
- 2: Sakuma R, Kobayashi N, Ae K, **Kitamura Y**. "Inhibitory and enhancing effects of insertion of central polypurine tract sequence on gene expression with vectors derived from human immunodeficiency virus type 1." **Biochem Biophys Res Commun.** 302(3):489-95. (2003)
- 3: Yamada T, Kaji N, Odawara T, Chiba J, Iwamoto A, **Kitamura Y**. "Proline 78 is crucial for human immunodeficiency virus type 1 Nef to down-regulate class I human leukocyte antigen." **J Virol.**

77(2):1589-94. (2003)

(2) 口頭発表

佐久間龍太、北村義浩、HIV-1 cPPT/CTS の隣接配列のベクター産生に及ぼす影響、日本ウイルス学会、2003年10月

(3) 出版物

北村義浩、仲嶋一範 (編著)、必ず上手くいく 遺伝子導入と発現解析プロトコール、羊土社、2003年9月

村松正実 (監修)、**北村**、井上、田中、禾 (編著)、新ラボマニュアル遺伝子工学、丸善、2003年9月

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Mimuro J, Mizukami H, Ono F, Madoiwa S, Terao K, Yoshioka A, Ozawa K, <u>Sakata Y</u>	Specific detection of human coagulation factor IX in cynomolgus macaques	J.Thromb. Haemost	2	275-280	2004
Ogata K, Mimuro J, Kikuchi J, Tabata T, Ueda Y, Naito M, Madoiwa S, Takano K, Hasegawa M, Ozawa K, <u>Sakata Y</u>	Expression of human coagulation factor VIII in adipocytes transduced with the simian immunodeficiency virus agmTYO1-based vector for hemophilia A gene therapy	Gene Ther	11	253-259	2004
Mimuro J, Hamano A, Tanaka T, Madoiwa S, Sugo T, Matsuda M, <u>Sakata Y</u>	Hypofibrinogenemia caused by a nonsense mutation in the fibrinogen B β chain gene	J. Thromb. Haemos	1	2356-2359	2003
Shigeta K, Taniguchi N, Omoto K, Madoiwa S, <u>Sakata Y</u> , Mori M, Hatake K, Itoh K	In vitro platelet activation by an echo-contrast agent	J. Ultrasound. Med	22	365-373	2003
Naito M, Mimuro J, Endo H, Madoiwa S, Ogata K, Kikuchi J, Sugo T, Yasu T, Kariya Y, Hoshino Y, <u>Sakata Y</u>	Defective sorting to secretory vesicles in the trans Golgi network is partly responsible for protein C deficiency: Molecular mechanism of impaired secretion of abnormal protein C R169W, R352W and G376D	Circ. Res	92	865-872	2003
Kohno, T., Mizukami, H., Suzuki, M., Saga, Y., Takei, Y., Shimpo, M., Matsushita, T., Okada, T., Hanazono, Y., Kume, A., Sato, I., and <u>Ozawa, K</u>	Interleukin-10-mediated inhibition of angiogenesis and tumor growth in mice bearing VEGF-producing ovarian cancer	Cancer Res	63	5091-5094	2003
Urabe, M., Kogure, K., Kume, A., Sato, Y., Tobita, K., and <u>Ozawa, K</u>	Positive and negative effects of adeno-associated virus Rep on AAVS1-targeted integration	J. Gen. Virol	84	2127-2132	2003
Xin, K.Q., Ooki, T., Jounai, N., Mizukami, H., Hamajima, K., Kojima, Y., Ohba, K., Toda, Y., Hirai, S., Klinman, D.M., <u>Ozawa, K.</u> , Okuda, K	A DNA vaccine containing inverted terminal repeats from adeno-associated virus increases immunity to HIV	J. Gene. Med	5	438-445	2003

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Kanazawa, T., Mizukami, H., Okada, T., Hanazono, Y., Kume, A., Nishino, A., Takeuchi, K., Kitamura, K., Ichimura, K., and <u>Ozawa, K</u>	Suicide gene therapy using AAV-HSVtk/ganciclovir in combination with irradiation results in regression of human head and neck cancer xenografts in nude mice	Gene Ther	10	51-58	2003
<u>Yoshioka A</u> , Fukutake K, Takamatsu J, Shirahata A, and the Kogenate Post-Marketing Surveillance Study Group	Clinical Evaluation of a Recombinant Factor VIII Preparation (Kogenate) in Previously Untreated Patients with Hemophilia A	International journal of Hematology	78	467-474	2003
Shibata M, M.Shima M, Misu H, Okimoto Y, J.C. Giddings and <u>Yoshioka A</u>	Management of haemophilia B inhibitor patients with anaphylactic reactions to FIX concentrates	Haemophilia	9	269-271	2003
Matsutani T, Sakurai Y, Yoshioka T, Tsuruta Y, Suzuki R, Shima M, <u>Yoshioka A</u>	Replacemant therapy with plasma-derived factor VIII concentrates induces skew in T-cell receptor usage and clonal expansion of CD8+ T-cell in HIV-seronegative hemophilia patients	Thrombosis and Haemostasis	90	279-292	2003
萩原剛、新井盛夫、山中晃、藤田進、高橋一郎、川田和秀、大石毅、鈴木隆史、天野景裕、福武勝幸	血友病ハイレスポンドーインヒビター保有患者に対する凝固因子製剤によるインヒビターの中和と持続輸注療法	血栓止血誌	14(4)	337-344	2003
日笠 聡、新井盛夫、嶋緑倫、白幡聡、田昇、高松純樹、瀧正志、花房秀次、福武勝幸、三間屋純一、吉岡章	血友病在宅自己注射療法の基本ガイドライン	血栓止血誌	14(4)	350-358	2003
Nagaizumi K, Inaba H, Amano K, Suzuki M, <u>Arai M</u> , <u>Fukutake K</u>	Five novel and four recurrent point mutations in the antithrombin gene causing venous thrombosis.	Int J Hematol	78	79-83	2003

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Nagata, M., Takahashi, M., Muramatsu, S., Ueda, Y., Hanazono, Y., Takeuchi, K., Okada, K., Suzuki, Y., Kondo, Y., Suemori, M., Ikeda, U., Nakano, I., Kobayashi, E., Hasegawa, M., Ozawa, K., Nakatsuji, N. and Shimada, K	Efficient gene transfer of a simian immunodeficiency viral vector into cardiomyocytes derived from primate embryonic stem cells	J Gene Med	5(11)	921-928	2003
Sato, Y., Ajiki, T., Inoue, S., Hakamata, Y., Murakami, T., Kaneko, T., Takahashi, M., and Kobayashi, E.	A novel gene therapy to the graft organ by a rapid injection of naked DNA I: Long-lasting gene expression in a rat model of limb transplantation	Transplantation	15;76(9)	1294-8	2003
Nakamura, M., Wang, J., Murakami, T., Ajiki, T., Hakamata, Y., Kaneko, T., Takahashi, M., Okamoto, H., Mayumi, M. and Kobayashi, E	DNA immunization of the grafted liver by particle-mediated gene gun	Transplantation	76	1369-75	2003
Miura T, Goto M, Hosoya N, Odawara T, <u>Kitamura Y</u> , Nakamura T, Iwamoto A	Depletion of mitochondrial DNA in HIV-1-infected patients and its amelioration by antiretroviral therapy	J Med Virol	70(4)	497-505	2003
Sakuma R, Kobayashi N, Ae K, <u>Kitamura Y</u>	Inhibitory and enhancing effects of insertion of central polypurine tract sequence on gene expression with vectors derived from human immunodeficiency virus type 1	Biochem Biophys Res Commun	302(3)	489-95	2003
Yamada T, Kaji N, Odawara T, Chiba J, Iwamoto A, <u>Kitamura Y</u>	Proline 78 is crucial for human immunodeficiency virus type 1 Nef to down-regulate class I human leukocyte antigen	J Virol	77(2)	1589-94	2003

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以降は雑誌/図書等に掲載された論文となりますので、
「研究成果の刊行に関する一覧表」をご参照ください。