

(in press)

85. Argenziano G, Soyer HP, Chimenti S, Talamini R, Corona R, Sera F, Binder M, Cerroni L, De Rosan G, Ferrara G, Hofmann-Wellenhof R, Landthaler M, Menzies SW, Pehamberger H, Piccolo D, Rabinowitz HS, Schiffner R, Staibano S, Stolz W, Bartenjev I, Blum A, Braun R, Cabo H, Carli P, De Giorgi Y, Fleming MG, Grichnik JM, Grin CM, Halpern AC, Johr R, Katz B, Kenet RO, Kittler H, Kreusch J, Malvehy J, Mazzocchetti G, Oliviero M, Ozdemir F, Peris K, Perotti R, Perusquia A, Pizzichetta MA, Puig S, Rao B, Rubegni P, Saida T, Scalvenzi M, Seidenari S, Stanganelli I, Tanaka M, Westerhoff K, Wolf IH, Braun-Falco O, Kerl H, Nishikawa T, Wolff K, Kopf AW. Dermoscopy of pigmented skin lesions: Results of a consensus meeting via the internet. *J Am Acad Dermatol* 47, 2003 (in press)

②松本和彦 信州大学医学部皮膚科講師、名古屋大学大学院医学系研究科非常勤講師

1. Shindo Y, Matsumoto K, Hashimoto T. Enzyme activities in cytoplasm, mitochondria and peroxisomes in dermatofibrosarcoma protuberans. *J Dermatol* 13, 304-306, 1986

2. Shindo Y, Akiyama J, Matsumoto K, Takase Y, Hashimoto T. Low glucose-6-phosphate dehydrogenase activity in cultured skin fibroblasts from Werner's syndrome. *J Dermatol* 13, 396-398, 1986

3. Matsumoto K, Yamamoto J, Hiraiwa M, Kano K, Takiguchi M. Discrimination of HLA-B5 crossreactive group antigens by human allospecific CTL clones. *Transplantation* 49, 1164-1167, 1990

4. Hiraiwa M, Yamamoto J, Matsumoto K, Karaki S, Nagao T, Kano K, Takiguchi M. T cell can recognize the allospecificities formed by the substitution of amino acids associated with HLA-Bw4/Bw6 public epitopes. *Hum Immunol* 32, 41-45, 1991

5. Ishihara Y, Matsumoto K, Kawachi S, Saida T. Detection of early lesions of "ungual" malignant melanoma. *Int J Dermatol* 32, 44-47, 1993

6. Matsumoto K, Kubo K, Saida T, Kobayashi H, Kitano K, Saito H, Matsui M. Lethal posttransfusion graft-versus-host disease. *Dermatology* 187, 38-41, 1993

7. Mittelman A, Wang X, Matsumoto K, Ferrone S. Antiantidiotypic response and clinical course of the disease in patients with malignant melanoma immunized with mouse antiidiotypic monoclonal antibody MK2-23. *Hybridoma* 14, 175-181, 1995

8. Matsumoto K, Saida T, Ferrone S. Human HMW-MAA mimicry by anti-id mAb MK2-23 immunogenicity in syngeneic hosts of F(ab')<sub>2</sub> fragments and chimeric antibody. In: Hori Y, et al (eds): *Melanogenesis and Malignant Melanoma: Biochemistry, Cell Biology, Molecular Biology, Pathophysiology, Diagnosis and Treatment*, Elsevier, Amsterdam, 1996, pp111-118.

9. Shimizu H, Takizawa Y, Pulkkinen L, Zone JJ, Matsumoto K, Saida T, Uitto J, Nishikawa T. The 97kDa linear IgA bullous dermatosis antigen is not expressed in a patient with generalized atrophic benign epidermolysis bullosa with a novel homozygous G258X mutation in COL17A1. *J Invest Dermatol* 111, 887-892, 1998

10. Kubo H, Matsumoto K, Funahashi M, Takagi H, Kitajima Y, Taniguchi S, Saida T. Sequential chemoimmunotherapy with cisplatin, interferon- $\beta$  and interleukin-2 inhibits the

growth of B16-F1 melanoma in syngeneic mice. *Melanoma Res* 10, 223-229, 2000

11. Sakurai A, Matsumoto K, Ikeo Y, Nishio S, Kakizawa T, Arakura F, Ishihara Y, Saida T, Hashizume K. Frequency of facial angiofibromas in Japanese patients with multiple endocrine neoplasia type 1. *Endocrine J* 47, 569-573, 2000

12. Kageshita T, Mizuno M, Ono T, Matsumoto K, Saida T, Yoshida J. Growth inhibition of human malignant melanoma transfected with the human interferon- $\beta$  gene by means of cationic liposomes. *Melanoma Res* 11, 337-342, 2001

13. Kageshita T, Hamby CV, Ishihara T, Matsumoto K, Saida T, Ono T. Loss of  $\beta$  catenin expression associated with disease progression in malignant melanoma. *Br J Dermatol* 145, 210-216, 2001

14. Matsumoto K, Muto M, Seki S, Saida T, Horiuchi N, Takahashi H, Ishida-Yamamoto A, Iizuka H. Loricrin keratoderma: a cause of congenital ichthyosiform erythroderma and collodion baby. *Br J Dermatol* 145, 657-660, 2001

③宇原 久 信州大学医学部皮膚科学講座講師

1. Kawachi S, Saida T, Uhara H, Uemura K, Taketomi T, Kano K. Heterophile Hanganutziu-Deicher antigen in ganglioside fractions of human melanoma tissues. In: *Archs Allergy Appl Immunol*, 85, 381-383, 1988

2. Saida T, Uhara H, Mikoshiba H. Phytohemagglutinin-binding sites in the skin. *Dermatologica* 179, 25-28, 1988

3. Uhara H, Sato Y, Mukai K, Akano I, Furuya S, Hoshikawa T, Shimosato Y, Saida T. Detection of Epstein-Barr virus DNA in Reed-Sternberg cells of Hodgkin's disease using the polymerase chain reaction and in situ hybridization. *Jpn J Cancer Res* 81, 272-278, 1990

4. Hoshikawa T, Nakajima T, Uhara H, Mukai K. Detection of human papilloma virus DNA in laryngeal squamous cell carcinoma by the polymerase chain reaction. *Laryngoscope* 100, 647-650, 1990

5. Akao I, Sato Y, Mukai K, Uhara H et al. Detection of Epstein-Barr virus DNA in formalin-fixed paraffin-embedded tissue of nasopharyngeal carcinoma using the polymerase chain reaction and in situ hybridization. *Laryngoscope* 101, 279-283, 1991

6. Matsuno Y, Mukai K, Uhara H. Detection of Epstein-Barr virus DNA in a Japanese case of lymphoepithelioma-like thymic carcinoma. *Jpn J Cancer Res* 83, 127-130, 1992

7. Uhara H, Saida T, Ikegawa S. Primary cutaneous plasmacytosis; Report of three cases and review of the literature. *Dermatology* 189, 251-255, 1994

8. Uhara H, Saida T, Ikegawa S et al. Primary cutaneous plasmacytosis; report of three cases and review of the literature. *The Year Book of Dermatology* 364-366, 1995

9. Uhara H, Wang YL, Kawachi S, Saida T. Expression of  $\alpha$  subunit of guanine nucleotide-binding protein Go in Merkel cell carcinoma. *J Cutan Pathol* 22, 146-148, 1995

10. Wang YL, Uhara H, Yamazaki Y, Nikaido T, Saida T. Immunohistochemical detection of CDK4 and p16INK4 proteins in cutaneous malignant melanoma. *Br J Dermatol* 134, 269-275, 1996

11. Uhara H, Kawachi S, Saida T. Solid facial edema in a patients with rosacea. *J Dermatol* 27, 214-216, 2000

12. Uhara H, Saida T, Watanabe T, Takizawa Y. Lymphangitis of the foot: Lymphatic drainage of the sole. *J Am Acad Dermatol* 47, 502-504, 2002

④久保仁美 信州大学医学部皮膚科学講座助手

1. Matsumoto K, Kubo H, Saida T, Kobayashi H, Kitano K, Matsui M. Lethal posttransfusion graft-versus-host disease. *Dermatology* 1993, 187, 38-41

2. Kubo H, Abe J, Obata F, Nakajima H, Tsunoda M, Ogawa A, Nakayama S, Beck Y, Takao K, Darrow TL, Abdel-Wahab Z, Saida T., Takiguchi M. Dual recognition of a human cytotoxic T-cell clone for melanoma antigens. *Cancer Res*, 1996, 56, 2368-2374

3. Kubo H, Ikeda Moore Y, Kikuchi A, Miwa K, Nokihara K, Schonbach C, Takiguchi M. Residue 116 determines the C-terminal anchor residue of HLA- B\*3501 and -B\*5101 binding peptides but does not explain the general affinity difference. *Immunogenetics*, 47, 256-253, 1998

4. Kubo H, Matsumoto K, Funahashi M, Takagi H, Kitajima y, Taniguchi S, Saida T. Sequential chemoimmunotherapy with cisplatin, interferon- $\beta$ , and interleukin-2 inhibits the growth of B16-F1 melanoma in syngeneic mouse. *Melanoma Res* 10, 223-229, 2000

⑤村田 浩 信州大学医学部皮膚科学教室助手

1. Falanga V, Zhou LH, Takagi H, Murata H, Ochoa S, Martin TA, Helfman T. Human dermal fibroblast clones derived from single cells are heterogeneous in the production of mRNAs for alpha 1(1) procollagen and transforming growth factor-beta 1. *J Invest Dermatol* 105, 27-31, 1995

2. Takagi H, Ochoa MS, Zhou L, Helfman T, Murata H, Falanga V. Enhanced collagen synthesis and transcription by peak E, a contaminant of L-tryptophan preparations associated with the eosinophilia myalgian syndrome epidemic. *J Clin Invest* 96, 2120-2125, 1995

3. Greenberg AS, Takagi H, Hill RH, Hasan A, Murata H, Falanga V. Delayed onset of skin fibrosis after the ingestion of eosinophilia-myalgia syndrome-associated L-tryptophan. *J Am Acad Dermatol* 35, 264-266, 1996

4. Murata H, Zhou L, Ochoa S, Hasan A, Badiavas E, Falanga V. TGF-beta3 stimulates and regulates collagen synthesis through TGF-beta1-dependent and independent mechanisms. *J Invest Dermatol* 108, 258-262, 1997

5. Hasan A, Murata H, Falabella A, Ochoa S, Zhou L, Badiavas E, Falanga V. Dermal fibroblast from venous ulcers are unresponsive to the action of transforming growth factor-beta1. *J Dermatol Sci* 16, 59-66, 1997

⑥吉田 純 名古屋大学大学院医学系研究科脳神経外科学分野教授

1. Yoshida J, Kuwayama A, Kobayashi T, Kageyama N, Kanzaki M, Ultrastructural studies of prolactin secreting human pituitary adenomas. *J Clin Elect Micro* 8, 466-467, 1975

2. Yoshida J, Kageyama N, Seo H, Kanzaki M. Growth hormone and prolactin secretion of

- pituitary adenoma. *Neurol Med Chir* 15, 13-21, 1975
3. Kobayashi T, Yoshida J, Okada C, Kageyama N, Kanzaki M. Ultrastructure of craniopharyngioma: EM and tissue culture studies on craniopharyngioma of squamous cell type. *J Clin Elect Micro* 9, 685-686, 1976
  4. Okada C, Yoshida J, Kuwayama A, Kobayashi T, Fukaya H, Kageyama N, Kanzaki M. Ultrastructural study of pituitary adenomas with acromegaly. *J Clin Elect Micro* 9, 477-478, 1976
  5. Yoshida J, Kobayashi T, Kageyama N, Kanzaki M. Symptomatic Rathke's cleft cyst. Morphological study with light and electron microscopy and tissue culture. *J Neurosurg* 47, 451-458, 1977
  6. Yoshida J, Cravioto H. Nitrosourea-induced brain tumors. An in vivo and in vitro tumor model system. *J Natl Cancer Inst* 61, 365-374, 1978
  7. Kobayashi T, Yoshida J, Okada C, Kida Y, Shibuya N, Kageyama N, Kanzaki M. The ultrastructure of optic gliomas. Infantile and child type. *J Clin Elect Micro* 11, 758-764, 1978
  8. Kageyama N, Kuwayama A, Yoshida J, Takanohashi M, Nakane T, Fukaya T, Okada C. The result of transsphenoidal microsurgery in case of functioning pituitary adenomas. *Seara Medica Neurcirurgica* 7, 231-248, 1978
  9. Fukaya T, Kageyama N, Kuwayama A, Takanohashi M, Okada C, Yoshida J, Osamura Y. Morphological study of pituitary adenomas with acromegaly by immunoperoxidase technique and electron microscopy. *Cancer* 45, 1598-1603, 1978
  10. Yoshida J, Shibuya N, Kida Y, Kobayashi T, Kageyama N, Kanzaki M. Electron microscopic and tissue culture studies of ependymomas. *J Clin Elect Micro* 12, 698-699, 1979
  11. Yoshida J, Cravioto H, Ransohoff J. In vitro transformation of fetal brain cells from CDF rats exposed in utero to N-ethyl-N-nitrosourea. Morphologic and immunologic studies. *J Natl Cancer Inst* 64, 1231-1239, 1980.
  12. Kobayashi T, Yoshida J, Shibuya N, Kida Y, Inoue S, Kageyama N, Kanzaki M. The ultrastructure of choroid plexus papilloma. *J Clin Elect Micro* 13, 638-639, 1980
  13. Shibuya N, Yoshida J, Kida Y, Kobayashi T, Kageyama N. Scanning electron microscopic studies on the effect of ACNU to human and rat glioma cell line. *J Clin Elect Micro* 13, 664, 1980
  14. Yamamoto T, Kageyama N, Usui K, Yoshida J. Fibromuscular dysplasia of the internal carotid artery. *Acta Neurochir* 50, 293-298, 1980
  15. Kobayashi T, Kageyama N, Yoshida J, Shibuya N, Yonezawa T. Pathological and clinical basis of the indications for treatment of craniopharyngiomas. *Neuro Med Chir.* 21, 39-47, 1981
  16. Chang CG, Kageyama N, Kobayashi T, Yoshida J, Negoro N. Pineal tumors. Clinical diagnosis with special emphasis on the significance of pineal calcification. *Neurosurg* 8, 656-668, 1981
  17. Kobayashi T, Kageyama N, Kida Y, Yoshida J, Shibuya N, Okamura K. Unilateral germinomas involving the basal ganglia and thalamus. *J Neurosurg* 55, 55-62, 1981.
  18. Kobayashi T, Kida Y, Yoshida J, Shibuya N, Kageyama N. Brain metastasis of choriocarcinoma. *Surg Neurol* 17, 395-403, 1982

19. Yoshida J, Shibuya N, Kobayashi T, Kageyama N. Sensitivity to 1-(4-amino-2-methyl-5-pyrimidynyl)methyl-3-(2-chloroethyl)-3-nitrosourea hydrochloride (ACNU) of glioma cells in vivo and in vitro. *Cancer* 50, 410-418, 1982
20. Furui T, Ichihara K, Ikeda A, Inao S, Hirai N, Yoshida J, Kageyama N. Subdural hematoma associated with disseminated intravascular coagulation in patients with advanced cancer. *J Neurosurg* 58, 398-401, 1983
21. Yoshida J, Kobayashi T, Kageyama N. Multimodality treatment of malignant glioma. Effect of chemotherapy with ACNU and immunotherapy with N-CWS. *Neurol Med Chir* 24, 19-26, 1984
22. Kobayashi T, Yoshida J, Kageyama N, Mori O, Ogawa M. Successful treatment of dwarfism and hypogonadism after total removal of craniopharyngioma. *Neurol Med Chir* 25, 61-65, 1985
23. Kanamori M, Shibuya M, Yoshida J, Takayasu M, Kageyama N. Long-term follow-up of patients with optic glioma. *Child's Nerv Syst* 1, 272-278, 1985.
24. Kida Y, Kobayashi T, Yoshida J, Kageyama N. Chemotherapy with cisplatin for AFP-secreting germ cell tumors of the central nervous system. *J Neurosurg.* 65. 470-475, 1986
25. Enomoto H, Yoshida J, Kageyama N. The effectiveness of combination therapy with HuIFN- $\beta$  and ACNU against malignant glioma. *Neurol Med Chir* 27, 6-10, 1987
26. Yoshida J, Wakabayashi T, Kito A, Kageyama N, Murata Y, Seo H, Kojima N, Yagi K. Clinical application of monoclonal antibodies against glioma-associated antigen. *Prog Exp Tumor Res* 30, 44-56, 1987
27. Kageyama N, Kanamori M, Yoshida J, Sugita K. Pathological consideration on follow-up results of optic glioma. *Prog Exp Tumor Res.* 30, 100-107, 1987.
28. Kageyama N, Kobayashi T, Kida Y, Yoshida J, Kato K. Intracranial germinal tumor. *Prog Exp Tumor Res* 30, 255-267, 1987
29. Wakabayashi T, Yoshida J, Seo H, Kato K, Murata Y, Matui N, Kageyama N. Characterization of neuroectodermal antigen defined by a monoclonal antibody and its application for the CSF diagnosis of human glioma. *J Neurosurg* 68, 449-455, 1988
30. Takahashi T, Mutsuga N, Aoki T, Handa T, Tanoi C, Yoshida J, Kageyama N. Localization of dural fistulas using metrizamide digital subtraction fluoroscopic cisternography. *J Neurosurg* 68, 721-725, 1988
31. Kato K, Yoshida J, Kageyama N, Kojima N, Yagi K. Liposome-entrapped human interferon- $\beta$ : Its pharmacokinetics and antitumor activity against human brain tumor cells. *J Clin Biochem Nutr* 4, 139-147, 1988
32. Kobayashi T, Yoshida J, Ichiyama J, Noda S, Kito A, Kida Y. Combination chemotherapy with cisplatin and etoposide for malignant intracranial germ-cell tumors. *J Neurosurg* 70, 676-681, 1989
33. Kobayashi T, Yoshida J, Kida Y. Bilateral germ cell tumors involving the basal ganglia and thalamus. *Neurosurg* 24, 579-583, 1989
34. Kito A, Yoshida J, Kageyama N, Kojima N, Yagi K. Liposomes coupled with monoclonal

- antibodies against glioma-associated antigen for targeting chemotherapy of glioma. *J Neurosurg* 71, 382-387, 1989
35. Yoshida J, Yamamoto R, Wakabayashi T, Nagata M, Seo H. Radioimmunoassay of glioma-associated antigen in cerebrospinal fluid and its usefulness for the diagnosis and monitoring of human glioma. *J Neuro-Oncol* 8, 23-31, 1990
36. Yoshida J, Mizuno M, Inoue I, Wakabayashi T, Sugita K, Seo H, Chiba K. Radioimaging of human glioma xenografts with <sup>123</sup>I labeled monoclonal antibody G-22 against glioma-associated antigen. *J Neuro-Oncol* 8, 221-229, 1990
37. Mizuno M, Yoshida J, Sugita K, Inoue I, Seo H, Hayashi Y, Koshizaka T, Yagi K. Growth inhibition of glioma cells transfected with the human  $\beta$ -interferon gene by liposomes coupled with a monoclonal antibody. *Cancer Res* 50, 7826-7829, 1990
38. Mizuno M, Yoshida J, Sugita K, Yagi K. Growth inhibition of glioma cells of different cell lines by human interferon- $\beta$  produced in the cells transfected with its gene by means of liposomes. *J Clin Biochem Nutr* 9, 73-77, 1990
39. Yoshida J. Local growth regulation of glioma by autocrine or paracrine growth factors. *Brain Tumor Pathol* 9, 171-175, 1991
40. Inoue I, Yoshida J, Nagata M, Mizuno M, Seo H, Matsui N. Superinduction of cytotoxic interferon- $\beta$  in glioma cells. *Neurol Med Chir* 31, 485-489, 1991
41. Yoshida J, Mizuno M, Yagi K. Secretion of human  $\beta$ -interferon into the cystic fluid of glioma transfected with the interferon- $\beta$  gene. *J Clin Biochem Nutr* 11, 12-128, 1991
42. Yoshida J, Wakabayashi T, Mizuno M, Sugita K, Seo H, Oshima M, Tadokoro M, Sakuma S. Tumor specific binding of radiolabeled G-22 monoclonal antibody in glioma patients. *Neuro Med Chir* 32, 125-129, 1992
43. Wakabayashi T, Yoshida J, Mizuno M, Kito A, Sugita K. Effectiveness of interferon- $\beta$ , ACNU and radiation therapy in pediatric patients with brainstem glioma. *Neurol Med Chir* 32, 942-946, 1992
44. Suzuki N, Oiwa Y, Sugano I, Inaba N, Sekiya S, Fukuzawa I, Yoshida J, Takakubo Y, Isogai E, Saito-Ebihara M. Dipyridamole enhances anti-proliferative effect of interferon in various types of human tumor cells. *Int J Cancer* 51, 627-633, 1992
45. Yoshida J, Wakabayashi T, Mizuno M, Sugita K, Yoshida T, Hori S, Mori T, Sato T, Karashima A, Kurisu K, Kiya K, Uozumi T. Clinical effect of intra-arterial tumor necrosis factor- $\alpha$  for malignant glioma. *J Neurosurg* 77, 78-83, 1992
46. Yoshida J, Mizuno M, Yagi K. Antitumor effect of endogeneous human  $\beta$ -interferon on malignant glioma and augmentation of the effect by tumor necrosis factor- $\alpha$ . *J Clin Biochem Nutr* 12, 153-160, 1992
47. Yagi G, Mizuno M, Yoshida J. Cytotoxicity of human  $\beta$ - and  $\gamma$ -interferon produced simultaneously in glioma cells transfected with interferon gene. *J Clin Biochem Nutr* 13, 1-6, 1992
48. Mizuno M, Yoshida J, Oyama H, Sugita K. Growth inhibition of glioma cells by liposome-mediated cell transfection with thmor necrosis factor- $\alpha$  gene. Its enhancement by prior  $\gamma$

interferon treatment. *Neurol Med Chir* 32, 873-876, 1992

49. Yoshida J, Mizuno M, Yagi K. Cytotoxicity of human  $\beta$ -interferon produced in human glioma cells transfected with its gene by means of liposomes. *Biochem Int* 28, 1055-1061, 1992

50. Tashiro T, Yoshida J, Mizuno M, Sugita K. Reinforced cytotoxicity of lymphokine-activated killer cells toward glioma cells by transfection with the tumor necrosis factor- $\alpha$  gene. *J Neurosurg* 78, 252-256, 1993

51. Yoshida J, Sugita K, Kobayashi T, Takakura K, Shitara N, Matsutani M, Tanaka R, Nagai H, Yamada H, Yamashita J, Oda Y, Hayakawa T, Ushio Y. Prognosis of intracranial germ cell tumours: Effectiveness of chemotherapy with cisplatin and etoposide (CDDP and VP-16). *Acta Neurochir* 120, 111-117, 1993

52. Tashiro T, Yoshida J, Wakabayashi T, Sugita K, Abe H. Primary intracranial germinoma involving the medulla oblongata. *Neurol Med Chir* 33, 251-254, 1993

53. Oshima M, Yoshida J, Wakabayashi T, Ito K, Tadokoro M, Kato T, Sakuma S. Recurrent malignant glioma: detection with  $^{131}\text{I}$  labeled monoclonal antibody G-22, positron emission tomography and magnetic resonance imaging. *Ann Nucl Med* 7, 119-122, 1993

54. Kimura S, Ishida S, Matunaga K, Washizu K, Hiraiwa H, Takeuchi K, Wakabayashi T, Yoshida J, Kato K. Determination of tenascin in human serum by the use of a new enzyme immunoassay. *Biomed Res* 14, 203-208, 1993

55. Yagi K, Hayashi Y, Ishida N, Ohbayashi M, Ohishi N, Mizuno M, Yoshida J. Interferon- $\beta$  endogenously produced by intratumoral injection of cationic liposome-encapsulated gene: Cytocidal effect on glioma transplanted into nude mouse brain. *Biochem Int* 32, 167-172, 1994

56. Mizuno M, Yoshida J, Takaoka T, Sugita K. Liposomal transfection of human  $\gamma$ -interferon gene into glioma cells and adoptive immunotherapy using lymphokine-activated killer cells. *J Neurosurg* 80, 1-6, 1994

57. Yoshida J, Kajita Y, Wakabayashi T, Sugita K. Long-term follow-up results of 175 patients with malignant glioma; Importance of radical tumor resection and postoperative adjuvant therapy with interferon, ACNU and radiation. *Acta Neurochir* 127, 55-59, 1994

58. Yoshida J, Wakabayashi T, Kimura S, Washizu K, Kiyosawa K, Mokuno K. Tenascin in cerebrospinal fluid is an useful biomarker for the diagnosis of brain tumor. *J Neurol Neurosurg Psychi* 57, 1212-1215, 1994

59. Yoshida J, Mizuno M. Simple method to prepare cationic multilamellar liposomes for efficient transfection of human interferon- $\beta$  gene to human glioma cells. *J Neuro-Oncol* 19, 269-274, 1994

60. Kano M, Yoshida J, Sugita K. Four autopsy cases of primary CNS lymphoma, consideration of unknown causes of death. *Brain Tumor Pathol* 11, 35-41, 1994

61. Mizuno M, Yoshida J, Takaoka T, Sugita K. Reinforced cytotoxicity of lymphokine-activated killer cells toward glioma cells by transfection of the killer cells with the  $\beta$ -interferon gene. *Jpn J Cancer Res* 86, 95-100, 1995

62. Harada K, Yoshida J, Mizuno M, Uozumi T. Growth inhibition of intracerebral rat glioma by transfection-induced human interferon  $\beta$ . *J Surgical Oncology* 55, 105-109, 1995

63. Yoshida J, Mizuno M. Simple preparation and characterization of cationic liposomes associated with a monoclonal antibody against glioma-associated antigen (immunoliposomes). *J Liposome Res* 5, 981-995, 1995
64. Yoshida J, Mizuno M, Seo H, Ishikawa T, Kakuma S. Inhibition of hepatitis B virus replication by interferon- $\beta$  produced in situ by gene delivery. *Environ Med* 39, 33-36, 1995
65. Mizuno M, Yoshida J. Tumor necrosis factor  $\alpha$  gene transfer augments anti-Fas antibody-mediated apoptosis in human glioma cells. *Jpn J Cancer Res* 8, 543-547, 1996
66. Mizuno M, Yoshida J. Repeated exposure to cationic immunoliposomes activates effective gene transfer to human glioma cells. *Neurologia Medico-Chirurgica* 36, 141-144, 1996
67. Sadatomo T, Yoshida J, Wakabayashi T, Mizuno M, Harada K, Kurisu K, Uozumi T, Sugita K. New approach for the treatment of medulloblastoma by transfection with glial fibrillary acidic protein gene. *Surgical Oncol* 5, 69-75, 1996
68. Okada H, Miyamura K, Itoh T, Hagiwara M, Wakabayashi T, Mizuno M, Colosi P, Kurtzman G, Yoshida J. Gene therapy against an experimental glioma using adeno-associated virus vectors. *Gene Therapy* 3, 957-964, 1996
69. Yoshida J, Takaoka T, Mizuno M, Momota H, Okada H. Cytolysis of malignant glioma cells by lymphokine-activated killer cells combined with anti-CD3 antiglioma bifunctional antibody and tumor necrosis factor- $\alpha$ . *J Surgical Oncol* 62, 177-182, 1996
70. Shinkai M, Yanase M, Honda H, Wakabayashi T, Mizuno M, Yoshida J, Kobayashi T. Intracellular hyperthermia for cancer using magnetic cationic liposome (In vitro study). *Jpn J Cancer Res* 87, 1179-1183, 1996
71. Okada H, Yoshida J, Sokabe M, Wakabayashi T, Hagiwara M. Suppression of CD44 expression decreases migration and invasion of human glioma cells. *Int J Cancer* 66, 255-260, 1996
72. Okamoto S, Yoshikawa K, Obata Y, Shibuya M, Aoki S, Yoshida J, Takahashi T. Monoclonal antibody against the fusion junction of a deletion-mutant epidermal growth factor receptor. *Br J Cancer* 73, 1366-1372, 1996
73. Wakabayashi T, Yoshida J, Takaoka T, sadatomo T, Mizuno M, Kimura S. Enzyme immunoassay of glioma cell tenascin secretion and augmentation by tumor necrosis factor- $\alpha$ . *Neuro Med Chir* 37, 392-398, 1997
74. Mizuno M, Yoshida J. Effect of human interferon- $\beta$  gene transfer upon human glioma transplanted into nude mouse brain involves induced natural killer cells. *Cancer Immunol Immunother* 47, 227-231, 1998
75. Bouhon IA, Shinkai M, Honda H, Mizuno M, Wakabayashi T, Yoshida J, Kobayashi T. Synergism between mild hyperthermia and interferon- $\beta$  gene expression. *Cancer Letters* 139, 153-158, 1999
76. Natsume A, Mizuno M, Ryuke Y and Yoshida J. Antitumor effect and cellular immunity activation by murine interferon- $\beta$  gene transfer against intracerebral glioma in mouse. *Gene Therapy* 6, 1626-1633, 1999
77. Otsuka G, Nagaya T, Saito K, Mizuno M, Yoshida J, and Seo H. Inhibition of NF- $\kappa$ B

- activation confers sensitivity to TNF $\alpha$  by impairment of cell-cycle progression in human glioma cells. *Cancer Res* 59, 4446-4452, 1999
78. Kasuya H, Mizuno M, Yoshida J, Nishiyama Y, Nomoto Shuji, Nakao A. Combined effects of adeno-associated virus vector and a herpes simplex virus mutant as neoplastic therapy. *J Surgical Oncology* 74, 214-218, 2000
79. Ryuke Y, Mizuno M, Natsume A, and Yoshida J. Transduction efficiency of adenoviral vectors into human glioma cells increased by association with cationic liposomes. *Neurol Med Chir* 40, 256-260, 2000
80. Natsume A, Tsujimura K, Mizuno M, Takahashi T, and Yoshida J. IFN- $\beta$  gene therapy induces systemic antitumor immunity against malignant glioma. *J Neuro-Oncology* 47, 117-124, 2000
81. Natsume A, Mizuno M, Ryuke Y, and Yoshida J. Cationic liposome conjugation to recombinant adenoviral vector reduces viral antigenicity. *Jpn J Cancer Res* 91, 363-367, 2000
82. Hatano N, Wakabayashi T, Kajita Y, Mizuno M, Ohno T, Nakayashiki N, Takemura A, Yoshida J. Efficacy of post operative adjuvant therapy with human interferon beta, MCNU and radiation (IMR) for malignant glioma: Comparison among three protocol. *Acta Neurochirurgica* 142, 633-639, 2000
83. Nakayashiki N, Yoshikawa K, Nakamura K, Hanai N, Okamoto K, Okamoto S, Mizuno M, Wakabayashi T, Saga S, Yoshida J, and Takahashi T. Production of a single chain variable fragment antibody recognizing type III mutant epidermal growth factor receptor. *Jpn J Cancer Res* 91, 1035-1043, 2000
84. Wakabayashi T, Hatano N, Kajita Y, Yoshida T, Mizuno M, Taniguchi K, Ohno T, Nagasaka T, Yoshida J. Initial and maintenance combined therapy treatment with interferon- $\beta$ , MCNU (Ranimustine), and radiotherapy for patients with previously untreated malignant glioma. *J Neuro-Oncol* 49:57-62, 2000
85. Fukui T, Hayashi Y, Fukuhara H, Yamamoto N, Nishikawa M, Mitsudo K, Tohno I, Ueda M, Mizuno M, Yoshida J. Suicide gene therapy for human oral squamous cell carcinoma with adeno-associated virus vector. *Oral Oncol* 7: 187-189, 2001
86. Yamamoto N, Hayashi Y, Fukuhara H, Fukui T, Nishikawa M, Mitsudo K, Tohno I, Ueda M, Mizuno M, Yoshida J. Basic research on interferon gene therapy for oral squamous cell carcinoma. *Oral Oncol* 7, 492-494, 2001
87. Nishikawa M, Hayashi Y, Yamamoto N, Fukui T, Fukuhara H, Mitsudo K, Tohno I, Ueda M, Mizuno M, Yoshida J. Cell death of human oral squamous cell carcinoma cell line induced by herpes simplex virus thymidine kinase gene and ganciclovir. *Oral Oncol* 7, 578-580, 2001
88. Kageshita T, Mizuno M, Ono T, Matsumoto K, Saida T, Yoshida J. Growth inhibition of human malignant melanoma transfected with the human interferon- $\beta$  gene by means of cationic liposomes. *Melanoma Res* 11: 337-342, 2001
89. Yoshida T, Mizuno M, Taniguchi K, Nakayashiki N, Wakabayashi T, Yoshida J. Rat glioma cell death induced by cationic liposome-mediated transfer for the herpes simplex virus thymidine kinase gene followed by ganciclovir treatment. *J Surgcal Oncol* 76, 19-25, 2001

90. Wakabayashi T, Kajita Y, Mizuno M, Nagasaka T, Yoshida J. Efficacy of adjuvant therapy with procarbazine, MCNU and vincristine for oligodendroglial tumors. *Neurologia Medico-Chirurgica* 41, 115-120, 2001

91. Aoki H, Mizuno M, Natsume A, Tsugawa T, Tsujimura K, Takahashi T, Yoshida J. Dendritic cells pulsed with tumor extract-cationic liposomes complex increase the induction of cytotoxic T lymphocytes in mouse brain tumor. *Cancer Immunol Immunother*, 50, 463-468, 2001

92. Okamoto K, Mizuno M, Nakahara N, Natsume A, Yoshida J, Mori T, Hori S, Kobayashi H. Process of apoptosis induced by TNF- $\alpha$  in murine fibroblast Ltk- cell: Continuous observation with video enhanced contrast microscopy. *Apoptosis* 7, 77-86, 2002

⑦水野正明 名古屋大学大学院医学系研究科遺伝子治療学分野助教授

1. Mizuno M, Yoshida J, Sugita K, Inoue I, Seo H, Hayashi Y, Koshizaki T, Yagi K. Growth inhibition of glioma cells transfected with the human  $\beta$ -interferon gene by liposomes coupled with a monoclonal antibody. *Cancer Res* 50, 7826-7829, 1990

2. Mizuno M, Yoshida J, Sugita K, Yagi K. Growth inhibition of glioma cells of different cell lines by human interferon- $\beta$  produced in the cells transfected with its gene by means of liposomes. *J Clin Biochem Nutr* 9, 73-77, 1990

3. Yoshida J, Mizuno M, Inoue I, Wakabayashi T, Sugita K, Seo H, Chiba K. Radioimaging of human glioma xenografts with <sup>123</sup>I labeled monoclonal antibody G-22 against glioma-associated antigen. *J Neuro-Oncol* 8, 221-229, 1990

4. Yoshida J, Mizuno M, Yagi K. Secretion of human  $\beta$ -interferon into the cystic fluid of glioma transfected with the interferon gene. *J Clin Biochem Nutr* 11, 123-128, 1991

5. Inoue I, Yoshida J, Nagata M, Mizuno M, Seo H, Matsui N. Superinduction of cytotoxic interferon- $\beta$  in glioma cells. *Neurologia Medico-Chirurgica* 31, 485-489, 1991

6. Enomoto H, Mizuno M, Katsumata T, Doi T. Intracranial metastasis of a choroid plexus papilloma originating in the cerebellopontine angle region: A case report. *Surg Neurol* 36, 54-58, 1991

7. Yoshida J, Wakabayashi T, Mizuno M, Oyama H, Nishashi K, Sugita K. The interaction between cytokines and growth factors on the growth of glioma cells. In Tabuchi K. (ed) "Biology Aspect of Brain Tumors." Springer-Verlag, Tokyo, 1991, pp200-206.

8. Yoshida J, Wakabayashi T, Mizuno M, Sugita K, Seo H, Ohshima M, Tadokoro M, Sakuma S. Tumor-specific binding of radiolabeled G-22 monoclonal antibody in glioma patients. *Neurologia Medico-Chirurgica* 32, 125-129, 1992

9. Yoshida J, Wakabayashi T, Mizuno M, Sugita K, Yoshida T, Hori S, Mori T, Sato T, Karashima A, Kurusu K, Kiya K, Uozumi T. Clinical effect of intra-arterial tumor necrosis factor- $\alpha$  for malignant glioma. *J Neurosurg* 77, 78-83, 1992

10. Yoshida J, Mizuno M, Yagi K. Antitumor effect of endogenous human  $\beta$ -interferon on malignant glioma and augmentation of the effect by tumor necrosis factor- $\alpha$ . *J Clin Biochem Nutr* 12, 153-160, 1992

11. Mizuno M, Yoshida J, Oyama H, Sugita K. Growth inhibition of glioma cells by liposome-

- mediated cell transfection with tumor necrosis factor- $\alpha$ . Its enhancement by prior  $\gamma$ -interferon treatment. *Neurologia Medico-Chirurgica* 32, 873-876, 1992
12. Wakabayashi T, Yoshida J, Mizuno M, Kito A, Sugita K. Effectiveness of interferon- $\beta$ , ACNU, and radiation therapy in pediatric patients with brainstem glioma. *Neurologia Medico-Chirurgica* 32, 942-946, 1992
13. Yoshida J, Mizuno M, Yagi K. Cytotoxicity of human  $\beta$ -interferon produced human glioma cells transfected with its gene by means of liposomes. *Biochemistry International* 28, 1055-1061, 1992
14. Yagi K, Mizuno M, Yoshida J. Cytotoxicity of human  $\beta$ - and  $\gamma$ -interferon produced simultaneously in glioma cells transfected with interferon genes. *J Clin Biochem Nutr* 13, 1055-1061, 1992
15. Tashiro T, Yoshida J, Mizuno M, Sugita K. Reinforced cytotoxicity of lymphokine-activated killer cells toward glioma cells by transfection with the tumor necrosis factor- $\alpha$  gene. *J Neurosurg* 78, 252-256, 1993
16. Mizuno M, Yoshida J, Takaoka T, Sugita K. Liposomal transfection of human  $\gamma$ -interferon gene into human glioma cells and adoptive immunotherapy using lymphokine-activated killer cells. *J Neurosurg* 80, 510-514, 1994
17. Yagi K, Hayashi Y, Ishida N, Ohbayashi M, Ohishi N, Mizuno M, Yoshida J. Interferon- $\beta$  endogenously produced by intratumoral injection of cationic liposome encapsulated gene: Cytocidal effect on glioma transplanted into nude mouse brain. *Biochem Mol Biol Int* 32, 167-172, 1994
18. Kato K, Yoshida J, Mizuno M, Sugita K, Emi N. Retrovirus transfer of herpes simplex thymidine kinase gene into glioma cells causes targeting of gancyclovir cytotoxic effect. *Neurologia Medico-Chirurgica*. 34, 339-344, 1994.
19. Yoshida J, Mizuno M. Simple method to prepare cationic multilamellar liposomes for efficient transfection of human interferon- $\beta$  gene to human glioma cells. *J Neuro-Oncol* 19, 269-274, 1994
20. Takaoka T, Yoshida J, Mizuno M, Sugita K. Transfection-induced tumor necrosis factor- $\alpha$  increases the susceptibility of human glioma cells to lysis by lymphokine-activated killer cells: continuous expression of intercellular adhesion molecule-1 on the glioma cells. *Jpn J Cancer Res* 85, 750-755, 1994
21. Harada K, Yoshida J, Mizuno M, Sugita K, Uozumi T. Growth inhibition of subcutaneously transplanted human glioma by transfection-induced tumor necrosis factor- $\alpha$  and augmentation of the effect by  $\gamma$ -interferon. *J Neuro-Oncol* 22, 221-225, 1994
22. Wakabayashi T, Yoshida J, Mizuno M, Sugita K, Itoh K, Tadokoro M, Oshima M. Radioimmunolocalization of human brain tumor: Fundamental studies with indium-111 labeled monoclonal antibody G-22. *Brain Tumor Pathology* 11, 177-180, 1994
23. Mizuno M, Yoshida J, Takaoka T, Sugita K. Reinforced cytotoxicity of lymphokine-activated killer cells toward glioma cells by transfection of the killer cells with the  $\gamma$ -interferon gene. *Jpn J Cancer Res* 86, 95-100, 1995