

## 腫瘍医学講座

### A 欧 文

#### A-a

1. Takamiya, K., Yamamoto, A., Yamashiro, S., Furukawa, K., Haraguchi, M., Okada, M., Ikeda, T., Shiku, H. and Furukawa, K.: T cell receptor-mediated stimulation of mouse thymocytes induces up-regulation of the GM2/GD2 synthase gene. FEBS Lett. 358, 79-83, 1995. \* o
2. Yamashiro, S., Haraguchi, M., Furukawa, K., Takamiya, K., Yamamoto, A., Nagata, Y., Lloyd, K.O., Shiku, H. and Furukawa, K.: Substrate specificity of  $\beta$  1, 4-N-acetylgalactosaminyltransferase in vitro and in cDNA -transfected cells. GM2/GD2 synthase efficiently generates asialo-GM2 in certain cells. J. Biol. Chem. 270, 6149-6155, 1995. \*
3. Okumura, C., Suto, R., Furukawa, K., Ahmed, S.S., Furukawa, K., Nakayama, E., Fujii, T. and Shiku, H.: Induction of murine  $\gamma\delta$  T cells cytotoxic for xenogeneic rat cells. J. Immunol. 154, 1114-1123, 1995. o \*
4. Baba, H., Urano, T., Okada, K., Furukawa, K., Nakayama, E., Tanaka, H., Iwasaki, K. and Shiku, H.: Two isotypes of murine nm23/NDP kinase, nm23-M1 and -M2, are involved in metastatic suppression of a murine melanoma line. Cancer Res. 55, 1977-1981, 1995. o \*
5. Yuyama, Y., Dohi, T., Morita, H., Furukawa, K., Oshima, M.: Enhanced expression of GM2/GD2 synthase mRNA in human gastrointestinal cancer. Cancer 75, 1273-1280, 1995. \*
6. Yamaguchi, A., Saito, M., Goi, T., Takeuchi, K., Hirose, K., Nakagawara, G., Urano, T., Furukawa, K. and Shiku, H.: Expression of CD44 variant exons 8-10 in gastric cancer Jpn. J. Cancer Res. 86, 1166-1171, 1995. \*
7. Haraguchi, M., Yamashiro, S., Furukawa, K., Takamiya, K., Shiku, H. and Furukawa, K.: The effects of the site-directed removal of N-glycosylation sites from GM2/GD2 synthase on its function. Biochemical J. 312, 273-280, 1995. \*
8. Yamamoto, A., Yamashiro, S., Takamiya, K., Atsuta, M., Shiku, H. and Furukawa, K.: Diverse expression of mRNA of  $\beta$ 1, 4-N-acetylgalactosaminyltransferase gene in the adult mouse brain. J. Neurochem. 65, 2417-2424, 1995. \*
9. Yamashiro, S., Okada, M., Haraguchi, M., Furukawa, K., Lloyd, K.O., Shiku, H. and Furukawa, K.: Expression of  $\alpha$ 2, 8-sialyltransferase (GD3 synthase) gene in human cancer cell lines: High level expression in melanomas and up-regulation in activated T lymphocytes. Glycoconj. J. 12, 894-900, 1995. \*
10. Ruan, S., Raji, B.K.M., Furukawa, K. and Lloyd, K.O.: Analysis of melanoma cells stably transfected with  $\beta$ 1, 4GalNAc transferase (GM2/GD2 synthase) cDNA. Relative glycosyltransferase levels play a dominant role in determining ganglioside expression. Arch. Biochem. Biophys. 323, 11-18, 1995. \*
11. Fujiwara, K., Kanetake, H., Furukawa, K., Masuyama, Y., Bai, G., Tanimori, H. and Kitagawa, T.: et al : Determination of urinary acetylpolyamines by a monoclonal antibody-based enzyme-linked immunosorbent assay (ELISA) J. Biochem. 118, 1211-1215, 1995. \*
12. Tamura, T., Ishihara, M., Marc S. Lamphier., Tanaka N., Oishi I., Aizawa S., Matsuyama, T., Tak W. Mak., Taki, S. and Taniguchi, T.: An IRF-1-dependent pathway of DNA damage-induced apoptosis in mitogen-activated T lymphocytes. Nature, 376, 596-599, 1995. \*
13. Penninger J. M., J. M. Wen T., Timms E., Potter J., Wallace V. A., Matsuyama T., Ferrick D., Sydora B., Kronenberg M. and Mak T. W. : Spontaneous resistance to acute T-cell leukemias in TCRV $\gamma$ 1.1 $\gamma$ 4C $\gamma$ 4 transgenic mice. Nature, 375, 241-244, 1995. \*
14. Suzuki H., kündig T. M. Furlonger, C., A Timms E, T. Matsuyama, Schmits R, John J. L. Simard, . Ohashi P. S., Griesser H., Taniguchi T, Paige C. J, Mak T. W. : Deregulated T cell activation and autoimmunity in mice lacking interleukin-2 receptor  $\beta$ . Science, 268, 1472-1476, 1995. \*
15. Matsuyama T., Grossman A., P. S. Mittrüker H. W., Siderovski D. P., Kiefer F., Kawakami T., Richardson C. D., Taniguchi T., Yoshinaga S. K. and Mak T.W. : Molecular cloning of LSIRF, a lymphoid-specific member of the interferon regulatory factor family that binds the interferon-stimulated response element (ISRE). Nucleic Acides Research. 23, 2127-2136, 1995. \*

### B 邦 文

#### B-b

1. 五井孝憲、山口明夫、中川原儀三、古川鋼一、珠玖 洋：接着分子CD44の発現、分子構造、機能と癌の浸潤転移における役割、日本臨牀（特集）癌転移の分子病理と臨床、53、1688-1693、1995

**B-c**

1. 古川鋼一、珠玖 洋：ガングリオシド糖鎖の糖転移酵素遺伝子単離法、鈴木康夫、安藤 進編：生物科学実験法36、ガングリオシド研究法II、学会出版センター〔東京〕165-175、1995

**B-d**

1. 古川鋼一：「ガングリオシド糖鎖遺伝子の特異性」平成5年～平成8年、科学研究費補助金重点領域研究、研究成果報告書、1995

**原著論文数一覧**

	A-a	A-b	A-c	A-d	合計	S C I	B-a	B-b	B-c	B-d	合計	総 計
1995	15	0	0	0	15	15	0	1	1	1	3	18

**学会発表数一覧**

A-a	A-b		合 計	B-a	B-b		合 計	総 計
	シンポジウム	学会			シンポジウム	学会		
1995	0	0	0	0	1	17	18	18

**原著論文総数に係る教官生産係数一覧**

	欧文論文総数 (論文総数)	教官生産係数 (欧文論文)	SCI掲載論文 欧文論文総数	教官生産係数 (SCI掲載論文)
1995	1	5.0	1	5.0

**Impact factor一覧**

	Impact factor	1教官当りImpact factor	論文当りImpact factor
1995	107.021	35.674	7.135