

<u>UCHIDA, Takao</u> <u>HAYAKAWA</u>					
Tetsu KOBAYASHI, Shingo NIIMI, Toru KAWANISHI, Masamichi FUKUOKA, <u>Takao HAYAKAWA</u>	Changes of Peroxisome Proliferator-activated Receptor-regulated Gene Expression and Inhibin/Activin-follistatin System Gene Expression in Rat Testis After an Administration of Di-n-butyl Phthalate.	Toxicol. Letter	138	215-225	2003
Kazufumi KATAYAMA, Koichiro WADA, Atsushi NAKAJIMA, Sachiko YOSHIDA, Hiroyuki MIZUGUCHI, <u>Takao HAYAKAWA</u> , Shinsaku NAKAGAWA, Takashi KADOWAKI, Ryozo NAGAI, Yoshinori KAMISAKI, Richard S. BLUMBERG, Tadanori MAYUMI	A Novel PPAR $\gamma$ -Gene Therapy to Control Inflammation Associated with Inflammatory Bowel Disease.	Gastroenterology	124	1315-1324	2003
T. Morioka, H. Koyama, H. Yamamura, S. Tanaka, S. Fukumoto, M. Emoto, H. Mizuguchi, <u>Takao</u> <u>Hayakawa</u> , I. Kojima, K. Takahashi, Y. Nishizawa	Role of H1-Calponin in Pancreatic AR42J Cell Differentiation into Insulin-producing Cells.	Diabetes	52	760-766	2003
Yuji NAGAYAMA, Hiroyuki MIZUGUCHI, <u>Takao HAYAKAWA</u> , Masami NIWA, Sandra M. McLachlan, Basil	Prevention of Autoantibody-Mediated Graves'-like Hyperthyroidism in Mice with Interleukin-4, a Th2 Cytokine.	J. Immunol.	170	3522-3527	2003

RAPOORT					
Naoki OKADA, Yasuhige MASUNAGA, Sayaka IIYAMA, Takashi TSUDA, Naoki MORI, Akinori SASAKI, Yuka OKADA, Hiroyuki MIZUGUCHI, <u>Takao HAYAKAWA</u> , Shinsaku NAKAGAWA, Tadanori MAYUMI, Takuya FUJITA, Akira YAMAMOTO	Murine Dendritic Cells Transduced with Human gp100 Gene by RGD Fiber-mutant Adenovirus Vectors Are Highly Efficacious in Generating Anti-melanoma.	Gene Ther.	10	1891-1902	2003
Kita A., Uotani S., Kuwahara H., Takahashi R., Oshima K., Yamasaki H., Mizuguchi H., <u>Hayakawa Takao</u> , Nagayama Y., Yamaguchi Y., Eguchi K.	Vanadate enhances leptin-induced activation of JAK/STAT pathway in CHO cells.	Biochem. Biophys. Res. Commun.	302	805-809	2003
Gao J-Q, Tsuda Y., Katayama K., Nakayama T., Yoshie O., Hatanaka Y., Tani Y., Mizuguchi H., <u>Hayakawa Takao</u> , Yoshie O., Tsutsumi Y., Mayumi T., Nakagawa S.	Antitumor effect by interleukin-11 receptor $\alpha$ -locus chemokine/CCL27, introduced into tumor cells through a recombinant adenovirus vector.	Cancer Res.	63	4420-4425	2003
Yuji Nagayama, Kazuhiro Nakao, Hiroyuki Mizuguchi, <u>Takao HAYAKAWA</u> , Masami Niwa	Enhanced antitumor effect of combined replicative adenovirus and non-replicative adenovirus expressing interleukin-12 in an immunocompetent mouse model.	Gene Ther.	10	1400-1403	2003
Itoh A., Okada T., Mizuguchi H.,	A soluble CAR-SCF fusion protein improves adenoviral	J. Gene Med.	5	929-940	2003

<u>Hayakawa Takao,</u> Mizukami H., Kume A., Takatoku M., Komatsu A., Hanazono Y., Ozawa K.	vector-mediated gene transfer to c-Kit-positive hematopoietic cells.				
<u>Akiko ISHII-WATABE,</u> <u>Eriko UCHIDA, Akiko</u> <u>IWATA, Ryuji</u> <u>NAGATA, Kouei</u> <u>SATOH,</u> <u>Kejun FAN,</u> <u>Mitsuhiro MURATA,</u> <u>Hiroyuki MIZUGUCHI,</u> <u>Nana KAWASAKI, Toru</u> <u>KAWANISHI, Teruhide</u> <u>YAMAGUCHI, <u>Takao</u></u> <u>HAYAKAWA</u>	Detection of Replication-Competent Adenoviruses Spiked into Recombinant Adenovirus Vector Products by Infectivity-PCR.	Mol. Therapy	8	1009-1016	2003
<u>Okada N., Masunaga</u> <u>Y., Okada Y., Iiyama</u> <u>S., Tsuda T.,</u> <u>Matsubara A., Mori</u> <u>N., Mizuguchi H.,</u> <u>Hayakawa Takao,</u> <u>Fujita T., Yamamoto</u> <u>A.</u>	Gene transduction efficiency and the state of maturation in mouse dendritic cells infected with conventional or RGD fiber-mutant adenovirus vectors.	Cancer Gene Ther.	10	421-431	2003
<u>Kunihiko Tanaka,</u> <u>Shinichiro Towata,</u> <u>Kazuhiko Nakao,</u> <u>Hiroyuki Mizuguchi,</u> <u>Takao HAYAKAWA,</u> <u>Masami Niwal,</u> <u>Nobuko Ishii, Yuji</u> <u>Nagayama</u>	Thyroid Cancer Immuno-Therapy with Retroviral and Adenoviral Vectors Expressing Granulocyte-Macrophage Colony Stimulating Factor and Interleukin-12 in a Rat Model.	Clinical Endocrinology	59	734-742	2003
<u>Yuka Okada, Naoki</u> <u>Okada, Hiroyuki</u> <u>Mizuguchi, <u>Takao</u></u> <u>HAYAKAWA, Tadanori</u> <u>Mayumi, Nobuyasu</u>	An investigation of adverse effects caused by the injection of high-dose TNF $\alpha$ -expressing adenovirus vector into established murine melanoma.	Gene Ther.	10	700-705	2003

Mizuno					
Fuminori SAKURAI, Hiroyuki MIZUGUCHI, <u>Takao HAYAKAWA</u>	Efficient gene transfer into human CD 34 <sup>+</sup> Cells by an Adenovirus type 35 vector.	Gene Ther.	10	1041-1048	2003
Kazufumi Katayama, Koichiro Wada, Hiroyuki Miyoshi, Kozo Ohashi, Masashi Tachibana, Rie Furuki, Hiroyuki Mizuguchi, <u>Takao HAYAKAWA</u> , Atsushi Nakajima, Takashi Kadowaki, Yasuo Tsutsumi, Shinsaku Nakagawa, Yoshinori Kamisaki, Tadanori Mayumi	RNA interfering approach for clarifying PPAR $\gamma$ pathway using lentiviral vector expressing short hairpin RNA.	FEBS Lett.	560	178-182	2004
Okada N., Gao J-Q., Sasaki A., Niwa M., Okada Y., Nakayama T., Yoshie O., Mizuguchi H., <u>Hayakawa Takao</u> , Fujita T., Yamamoto A., Tsutsumi Y., Mayumi T., Nakagawa S.	Anti-tumor activity of chemokine is affected by both kinds of tumors and the activation state of the host's immune system: implications for chemokine-based cancer immunotherapy.	Biochem. Biophys. Res. Commun.	317	68-76	2004
Jun OKABE, Akiko EGUCHI, Renu WADHWA, Randeep RAKWAL, Rumi TSUKINOKI, <u>Takao HAYAKAWA</u> , Mahito NAKANISHI	Limited Capacity of the Nuclear Matrix to Bind Telomere Repeat Binding Factor TRF1 May Restrict the Proliferation of Mortal Human Fibroblasts.	Human Molecular Genetics	13	1-9	2004
Okada Y., Okada N., Mizuguchi H., Takahashi K., <u>HAYAKAWA Takao</u> ,	Optimization of antitumor efficacy and safety of <i>in vivo</i> cytokine gene therapy using RGD fiber-mutant adenovirus vector	Biochim. Biophys. Acta.	1670	172-180	2004

Mayumi T., Mizuno N.	for preexisting murine melanoma.				
Nakamura T., Peng K-W., Vongpunsawad S., Harvey M., Mizuguchi H., <u>Hayakawa Takao</u> , Cattaneo R., Russell S.J.	Antibody-targeted cell fusion.	Nature Biotech.	22	331-336	2004
Gao J-Q, Alexandre L.S., Tsuda Y., Katayama K., Eto Y., Sekiguchi F., Mizuguchi H., <u>HAYAKAWA Takao</u> , Nakayama T., Yoshie O., Tsutsumi Y., Mayumi T., Nakagawa S.	Tumor-suppressive activities by chemokines introduced into OV-HM cells using fiber-mutant adenovirus vectors.	Pharmazie	59	238-239	2004
Tetsu Kobayashi, Hiroshi Kawai, Takuo Suzuki, Toru Kawanishi, <u>Takao HAYAKAWA</u>	Improved sensitivity of insulin in MALDI-TOF MS by premixing matrix CHCA with transferring.	Rapid Communication in Mass Spectrometry			in press
Masashi HYUGA, Sumiko HYUGA, Nana KAWASAKI, Miyako OHTA, Satuki ITOH, Shingo NIIMI, Toru KAWANISHI, <u>Takao HAYAKAWA</u>	Enhancement of hepatocyte growth factor-induced cell scattering in N-acetylglucosaminyltransferase III-transfected HepG2 cells.	Biol. Pharm. Bull.			in press
Masashi HYUGA, Satsuki ITO, Nana KAWASAKI, Miyako OHTA, Akiko ISHII, Sumiko HYUGA and <u>Takao HAYAKAWA</u>	Analysis of Site-Specific Glycosylation in Recombinant Human Follistatin Expressed In Chinese Hamster Ovary Cells.	Biologicals			in press
水口裕之、 <u>早川堯夫</u>	アデノウイルスベクター：最近の進歩	分子細胞治療	2	200-207	2003

早川堯夫	バイオ創薬におけるレギュラトリー サイエンスの新展開	衛研報告	121	128-143	2003
早川堯夫、永田龍二	細胞・組織加工医薬品・医療機器の 品質管理	Clinical Neuroscience (in Japanese)	21(10)	1195-1197	2003
川崎ナナ、橋井則貴、 伊藤さつき、日向昌 司、川西 徹、 <u>早川 堯夫</u>	LC/MS を用いた糖鎖プロファイリン グによるグライコーム解析	J. Electrophoresis	48	5-10	2004
早川堯夫、石井明子	バイオ医薬品の現状と将来	J. Integrated Med.	14(2)	142-143	2004
Shishido T, Tasaki K, Takeishi Y, Takasaki S, Miyamoto T, Itoh M, Takahashi H, Kubota I, Ito T, Katano Y, Wakabayashi I, <u>Tomoike H.</u>	Chronic hypertriglyceridemia in young watanabe heritable hyperlipidemic rabbits impairs endothelial and medial smooth muscle function.	Life Sci.	74	1487-1501	2004
Hosoda H, Kojima M, Mizushima T, Shimizu S, <u>Kangawa K.</u> ,	Structural divergence of human ghrelin. Identification of multiple ghrelin-derived molecules produced by post-translational processing.	J Biol Chem	278	64-70	2003
Kaiya H, Kojima M, Hosoda H, Moriyama S, Takahashi A, Kawauchi H, <u>Kangawa K</u>	Peptide purification, complementary deoxyribonucleic acid (DNA) and genomic DNA cloning, and functional characterization of ghrelin in rainbow trout.	Endocrinology	144	5215-5226	2003
Kaiya H, Kojima M, Hosoda H, Riley LG, Hirano T, Grau EG, <u>Kangawa K</u>	Identification of tilapia ghrelin and its effects on growth hormone and prolactin release in the tilapia, <i>Oreochromis mossambicus</i> .	Comp Biochem Physiol B Biochem Mol Biol	135	421-429	2003
Kaiya H, Kojima M, Hosoda H, Riley LG, Hirano T,	Amidated fish ghrelin: purification, cDNA cloning in the Japanese eel and its biological activity.	J Endocrinol	176	415-423	2003

Grau EG, Kangawa K					
N. Minamino, J. Tanaka, H. Kuwahara, T. Kihara, Y. Satomi, M. Matsubae, T. Takao	Determination of endogenous peptides in the porcine brain: possible construction of Peptidome, a fact database for endogenous peptides.	J. Chromatogr. B.	792	33-48	2003
磯山(田中)純子, 桑原大幹, 木原孝洋, 南野直人	生体ペプチドのファクトデータベース「ペプチドーム」と蛋白質代謝のメタボローム	炎症と免疫	11(6)	657-664	2003
南野直人	ペプチドーム解析	ファルマシア	39(12)	1157-1162	2003
Tsuda, M., Shigemoto-Mogami, Y., Koizumi, S., Mizokoshi, A., <u>Kohsaka, S.</u> , Michael W. Salter and Inoue, K.	P2X4 receptors induced in spinal microglia gate tactile allodynia after nerve injury.	Nature	14	778-783	2003
Sasaki, Y., Hoshi, M., Akazawa, C., Nakamura, Y., Tsuzuki, H., Inoue, K. and <u>Kohsaka, S.</u>	Selective expression of Gi/o-coupled ATP receptor P2Y12 in microglia in rat brain.	Glia	44	242-250	2003
Hirasawa, T., Wada, H., <u>Kohsaka, S</u> and Uchino, S.	Inhibition of NMDA receptors induces delayed neuronal maturation and sustained proliferation of progenitor cells during neocortical development.	J. Neurosci. Res.	74	676-687	2003
Nishikawa, K., Li, H., Kawamura, R., Osaka, H., Wang, Y.L., Hara, Y., Hirokawa, T., Manago, Y., Amano, T, Noda, M., Aoki, S. and <u>Wada, K.</u>	Alterations of structure and hydrolase activity of parkinsonism-associated human ubiquitin carboxyl-terminal hydrolase L1 variants.	Biochem. Biophys. Res. Comm.	304	176-183	2003

Osaka, H., Wang, Y.L., Takada, K., Takizawa, S., Setsuie, R., Li, H., Sato, Y., Nishikawa, K., Sun, Y.J., Sakurai, M., Harada, T., Hara, Y., Kimura, I., Chiba, S., Namikawa, K., Kiyama, H., Noda, M., Aoki, S. and <u>Wada, K.</u>	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neurons.	Hum. Mol. Genet.	12	1945-1958	2003
Harada, C., Harada, T., Quah, H.M.A., Maekawa, F., Yoshida, K., Ohno S., <u>Wada, K.</u> , Parada, L.F., Tanaka, K.	Potential role of glial cell line-derived neurotrophic factor receptors in Muller glial cells during light-induced retinal degeneration.	Neurosci.	122	229-235	2003
Komaki H, Akanuma J, Iwata H, Takahashi T, Mashima Y, Nonaka I and <u>Goto Y.</u>	A novel mtDNA C11777A mutation in Leigh syndrome.	Mitochondrion	2	293-304	2003
Ohsawa, K., Sasaki, Y., <u>Kohsaka, S</u> and Imai, Y.	Macrophage/Microglia-specific protein Ibal binds to fimbrin and enhances its actin-bundling activity.	J. Neurochem.	88	844-856	2004
Harada, T., Harada, C., Wang, Y.L., Osaka, H., Amanai, K., Tanaka, K., Takizawa, K., Setsuie, R., Sakurai, M., Sato, Y., Noda, M. and <u>Wada, K.</u>	Role of ubiquitin carboxy terminal hydrolase-L1 in neural cell apoptosis induced by ischemic retinal injury <i>in vivo</i> .	Am. J. Pathol.	164	59-64	2004

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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。