

Kawano, F., Miyazaki, H., Kawasaki, T., Fujino, T., Sekiguchi, J., Saruta, K., Kuratsuji, T., and Kirikae, T.	Molecular Epidemiology of Methicillin-Resistant Staphylococcus aureus in a Kumamoto Hospital in 2003	Jpn. J. Infect. Dis.	57	86-88	2004
Asagi, T., Kikuchi, Y., Sakurai, Y., Fujino, T., Sekiguchi, J., Saruta, K., Kuratsuji, T. and Kirikae, T.	Molecular Epidemiology of Methicillin-Resistant Staphylococcus aureus in a Sendai Hospital in 2003.	Jpn. J. Infect. Dis..	57	88-90	2004
Liu, F., Shinomiya, H., Kirikae, T., Hirata, H., Asano, Y.	Characterization of murine grancalcin specifically expressed in leukocytes and its possible role in host defense against bacterial infections	Biosci. Biotechnol. Biochem.	68	894-902	2004
Otsuka, Y., Pamiewski, P., Zwolska, Z., Kai, M., Fujino, T., Kirikae, F., Toyota, E., Kudo, K., Kuratsuji, T. and Kirikae, T.	Characterization of a trinucleotide repeat sequence (CGG) ₅ and its potential use in restriction fragment length polymorphism typing of Mycobacterium tuberculosis	J. Clin. Microbiol.	42	3538-3548	2004

<p>Sekiguchi, J., Fujino, T., Konosaki, H., Nishimura, H., Kawana, A., Kudo, K., Kondo, T., Yazaki, Y., Kuratsuji, T., Yoshikura, H., Kirikae, T.</p>	<p>Prevalence of erythromycin, tetracycline-, and aminoglycoside- resistance genes in methicillin-resistant Staphylococcus aureus in hospitals in Tokyo and Kumamoto</p>	<p>Jpn. J. Infect. Dis.</p>	<p>57</p>	<p>74-77</p>	<p>2004</p>
<p>Sekiguchi, J., Fujino, T., Kuroda, E., Konosaki, H., Nishimura, H., Saruta, K., Kawana, A., Yamanishi, F., Kudo, K., Kondo, T., Yazaki, Y., Kuratsuji, T., Kirikae, T.</p>	<p>Molecular epidemiology of <i>Serratia</i> <i>marcescens</i> in a hospital</p>	<p>Jpn. J. Infect. Dis.</p>	<p>57</p>	<p>78-80</p>	<p>2004</p>
<p>Fujino, T., Sekiguchi, J., Kawana, A., Konosaki, H., Nishimura, H., Saruta, K., Kudo, K., Kondo, T., Yazaki, Y., Kuratsuji, T., Kirikae, T.</p>	<p>Molecular epidemiology of methicillin-resistant <i>Staphylococcus</i> <i>aureus</i> in a Tokyo hospital in 2003</p>	<p>Jpn. J. Infect. Dis.</p>	<p>57</p>	<p>83-85</p>	<p>2004</p>

<p>Kawano, F., Miyazaki, H., Kawasaki, T., Fujino, T., Sekiguchi, J., Saruta, K., Kuratsuji, T., Kirikae, T.</p>	<p>Molecular epidemiology of methicillin-resistant <i>Staphylococcus</i> <i>aureus</i> in a Kumamoto hospital in 2003</p>	<p>Jpn. J. Infect. Dis.</p>	<p>57</p>	<p>86-88</p>	<p>2004</p>
<p>Asagi, T., Kikuchi, Y., Sakurai, Y., Fujino, T., Sekiguchi, J., Saruta, K., Kuratsuji, T., Kirikae, T.</p>	<p>Molecular epidemiology of methicillin-resistant <i>Staphylococcus</i> <i>aureus</i> in a Sendai hospital in 2003</p>	<p>Jpn. J. Infect. Dis.</p>	<p>57</p>	<p>88-90</p>	<p>2004</p>
<p>Otsuka, Y., Hanaki, K., Zhao, J., Ohtsuki, R., Toyooka, K., Yoshikura, H., Kuratsuji, T., Yamamoto, K., Kirikae T.</p>	<p>Detection of <i>Mycobacterium bovis</i> bacillus Calmette-Guerin with quantum dot immuno-conjugates</p>	<p>Jpn. J. Infect. Dis..</p>	<p>57</p>	<p>183-184</p>	<p>2004</p>

Shichijo, S., Keicho, N., Long H.T., Quy, T., Phi, N.-C., Ha, L. D., Ban, V.-V. Itoyama, S., Hu, C.-J., Komatsu, N., Kirikae, T., Kirikae, F., Shirasawa, S., Kaji, M., Fukuda, T., Sata, M., Kuratsuji, T., Itoh, K., Sasazuki, T.	Assessment of synthetic peptides of severe acute respiratory syndrome coronavirus recognized by long-lasting immunity	Tissue Antigens..	64	600-607	2004
Kirikae, T., Tokunaga, O., Inoue, Y., Fujino, T., Saruta, K., Yoshikura, H., Kuratsuji, T., Miyanomae, T.	Molecular epidemiology of methicillin-resistant <i>Staphylococcus</i> <i>aureus</i> , <i>Pseudomonas aeruginosa</i> and <i>Serratia marcescens</i> in a long-term care facility for patients with severe motor and intellectual disabilities	Jpn. J. Infect. Dis..	57	226-228	2004
K. Nakayama, Yu. Natori, T. Sato, T. Kimura, A. Sugiura, H. Sato, T. Saito, S. Ito, Y. Natori	Altered expression of NDST-1 messenger RNA in puromycin aminonucleoside nephrosis	J. Lab. Clin. Med.	143(2)	106-114	2004
S. Miyazawa, O. Hotta, N. Doi, Yu. Natori, K. Nishikawa, Y. Natori	Role of mast cells in the development of renal fibrosis: Use of mast cell-deficient rats	Kidney Int.	65	2228-223 7	2004

Shirai Y, Hashimoto M, Kato R, Kawamura YI, Kirikae T, Yano H, Takashima J, Kirihara Y, Saito Y, Fujino MA, Dohi T	Lipopolysaccharide induces CD25-positive, IL-10-producing lymphocytes without secretion of proinflammatory cytokines in the human colon: Low MD-2 mRNA expression in the colonic macrophages.	J Clin Immunol	24	42-52	2004
Shirasawa S, Sugiyama S, Baba I, Inokuchi J, Sekine S, Ogino K, Kawamura YI, Dohi T, Fujimoto M, Sasazuki T	Epiregulin-deficiency results in dermatitis and critical role of epiregulin in immune-related responses of keratinocyte and macrophage.	Proc Natl Acad Sci U S A	101	13921-13926	2004
Kawamura T, Kanai T, Dohi T, Uraushihara K, Totsuka T, Iiyama R, Taneda C, Yamazaki M, Okamoto R, Nakamura T, Higuchi T, Aiba Y, Tsubata T, Watanabe M	Expansion of ectopic CD40 ligand-expressing B cells and development of chronic colitis in mice	J Immunol	172	6388-6397	2004

Dohi T, Fujihashi K, Koga T, Etani Y, Yoshino N, Kawamura YI, McGhee JR	CD4+CD45RB ^{hi} interleukin-4 defective T cells elicit antral gastritis and duodenitis	Am J Pathol	165	1257-126 8	2004
Toyama-Sorimachi N, Omatsu Y, Onoda A, Iyoda T, Kikuchi-Maki A, Sorimachi H, Dohi T, Inaba K, Karasuyama H	Inhibitory NK receptor Ly49Q is expressed on subsets of dendritic cells in a cellular maturation- and cytokine stimulation-dependent manner.	J Immunol			in press
Dohi T, Ejima C, Kato R, Kawamura YI, Kawashima R, Mizutani N, Tabuchi Y, Kojima I	Therapeutic potential of follistatin for colonic inflammation in mice	Gastroenterology			in press
Tsujimura Y, Kikuchi-Maki A, Dohi T, Onoda A, Koyasu S, Inaba K, Karasuyama H, Toyama-Sorimachi N	Ly49Q1 is Expressed on Myeloid Lineage Cells and Involved in Regulation of Cell Adhesiveness. 1	Immunology			in press
Takeuchi F, Yanai K, Morii T, Ishinaga Y, Taniguchi-Yanai K, Nagano S, Kato N.	Linkage disequilibrium grouping of SNPs reflecting haplotype phylogeny for efficient selection of tag SNPs	Genetics.			in press

Inomata H, Watanabe T, Iizuka Y, Liang Y-Q, Mashimo T, Nabika T, Ikeda K, Yanai K, Gotoda T, Yamori Y, Isobe M, Kato N.	Identification of quantitative trait loci for cardiac hypertrophy in two different strains of the spontaneously hypertensive rat.	Hypertens Res.			in press
Nawata H, Shirasawa S, Nakashima N, 他35名, Kato N, Yasuda K, Yamamoto K, Sasazuki T.	Genome-wide linkage analysis of type 2 diabetes mellitus reconfirms the susceptibility locus on 11p13-p12 in Japanese.	J Hum Genet.	49	629-34	2004
水沼真紀子、柳内和幸、梁 一強、金 玲、猪又兵衛、 渡辺岳博、矢崎義雄、加藤 規弘.	cDNA マイクロアレイを用いた高 血圧関連疾患の責任遺伝子の解析	血圧	11(3)	86-91	2004
加藤規弘	疾患の病因と病態：高血圧モデル 動物における遺伝子機序	Annual Review 循環 器		41-46	2004
加藤規弘	生活習慣病のテーラーメイド医療	からだの科学 234. 「生活習慣病のく すり」	61 1 月 号		2004
加藤規弘	遺伝子情報より至適降圧薬を選択 できるか？	治療学	38(2)	7-11	2004
加藤規弘	高血圧性臓器障害に関する基礎研 究：カテコールアミン受容体. 日 本臨床	2004 年増刊「高血 圧と高血圧性臓器 障害」	62 巻増刊 号3	156-9	2004

柳内和幸、加藤規弘	脳卒中における疾患感受性遺伝子	脳神経外科速報	14(4)	363-367	2004
加藤規弘	疾患遺伝子へのアプローチ：高血圧ラット	Molecular Medicine.	41 臨時増刊号	247-249	2004
加藤規弘	バイオインフォマティクスの現状と将来展望. 「バイオインフォマティクス-基礎と臨床応用」	現代医療	36(5)	2-21	2004
加藤規弘	遺伝子情報より至適降圧薬を選択できるか?	治療学	38(2)	7-11	2004
加藤規弘	研究室紹介「国立国際医療センター研究所：遺伝子診断治療開発研究部」	血圧	11(7)	104-105	2004
加藤規弘	高血圧の個別化医療. 「高血圧の遺伝子解析」	BIO Clinica	19(10)	16-17	2004
柳内和幸、加藤規弘	動脈硬化関連遺伝子-どこまで解明されたか. 高血圧関連遺伝子	臨床検査増刊号	48(11)	1461-1465	2004
柳内和幸、加藤規弘	ゲノムワイドな転写調節因子結合配列の解析	蛋白質 核酸 酵素増刊号「ゲノムネットワーク」	49(17)	2950-2954	2004
加藤規弘	RA系遺伝子多型と循環器疾患	Cardiac Practice	16(1)	83-88	2005
T. Oharaseki, Y. Kameoka, F. Kura, A.S. Persad, K. Suzuki, S. Naoe.	Susceptibility loci to coronary arteritis in animal model of Kawasaki disease induced with <i>Candida albicans</i> -derived substances.	Microbiol.Immunol.	49	181-189	2005

A. Hoshino, K. Fujioka, T. Oku, S. Nakayama, M. Suga, Y. Yamaguchi, K. Suzuki, K., M. Yasuhara, K. Yamamoto	Quantum dots targeted to the assigned organelle in living cells	Microbiol. Immunol.	48	985-994	2004
A. Hoshino, K. Fujioka, T. Oku, M. Suga, Y.F. Sasaki, T. Ohta, M. Yasuhara, K. Suzuki, and K. Yamamoto.	Physicochemical Properties and Cellular Toxicity of Nanocrystal Quantum Dots Depend on Their Surface Modification	Nanolett	4	2163-2169	2004
N. Nagai-Miura, Y. Shingo, Y. Adachi, A. Ishida-Okawara, T. Oharaseki, K. Takahashi, S. Naoe, K. Suzuki and N. Ohno.	Induction of Coronary Arteritis with Administration of CAWS (<i>Candida albicans</i> Water-Soluble Fraction) Depending on Mouse Strains.	Immunopharmacol. Immunotoxicol.	26	527-543	2004
K. Suzuki, E. Muso and W. Nauseef.	Contribution of Peroxidases in Host-defense, Diseases and Cellular Functions.	Jpn. J. Infect. Dis.	57	S1-2	2004
K. Suzuki and T. Okazaki.	Contribution of myeloperoxidase in vasculitis development	Jpn. J. Infect. Dis.	57	S2-3	2004
Y. Kameoka, A. S. Persad and K. Suzuki.	Genomic variations in myeloperoxidase gene in the Japanese population.	Jpn. J. Infect. Dis.	75	S12-13	2004

Y. Aratani, F. Kura, H. Watanabe, H. Akagawa, Y. Takano, K. Suzuki, M.C. Dinauer, N. Maeda, and H. Koyama.	In vivo role of myeloperoxidase for the host defense.	Jpn. J. Infect. Dis	57	S15	2004
E. Muso, T. Ito-Ihara, T. Ono, E. Imai, K. Yamagata, A. Akamatsu, K. Suzuki.	Intravenous immunoglobulin (IVIg) therapy in MPO-ANCA related polyangiitis with rapidly progressive glomerulonephritis in Japan	Jpn. J. Infect. Dis	57	S17-18	2004
Shiohara A, Hoshino A, Hanaki K, Suzuki K, and Yamamoto K.	On the cyto-toxicity caused by quantum dots.	Microbiol.Immunol.	48	669-676	2004.
Ito, M., Nagata, N., Yumoto, F., Yamagoe, S., Suzuki, K., Adachi, K. and Tanokura, M.	¹ H, ¹³ C, ¹⁵ N resonance assignments of the cytokine LECT2.	Journal of Biomolecular NMR	29	543-544	2004.
C. Ovejero, C. Cavard, A. Perianin, T. Hakvoort, J. Vermeulen, C. Godard, M. Fabre, P. Chafey, K. Suzuki, B. Romagnolo, S. Yamagoe, C. Perret.	Identification of the leukocyte cell-derived chemotaxin2 (LECT2) as a direct target gene of s-catenin in the liver	Hepatology	40	167-176	2004

T. Saito, A. Okumura, H. Watanabe, M. Asano, A. Ishida-Okawara, J. Sakagami, K. Sudo, Y. Hatano-Yokoe, T. Abo, Y. Iwakura, K. Suzuki, and S. Yamagoe.	Increase of Hepatic NKT Cells in LECT2-Deficient Mice Contributes to Severe Concanavalin A-Induced Hepatitis.	J Immunol	173	579-585	2004.
S. Suzuki, K. Honma, T. Matsuyama, K. Suzuki, K. Toriyama, K. Yamamoto, K. Miyazaki, M. Nakamura, K. Yu, A. Kumatori.	Critical roles of Interferon regulatory factor-4 in CD11b ^{high} CD8 ⁻ dendritic cell development	Proc Natl Acad Sci USA.	101	8981-8986	2004
A. Ishida-Okawara, T. Ito-Ihara, E. Muso, T. Ono, K. Saiga, K. Nemoto, K. Suzuki.	Neutrophil contribution to the crescentic glomerulonephritis in SCG/Kj mice.	Nephrol., Dial. Transplant	19	1708-1715	2004
Ohashi, Y.Y., Kameoka, Y., Persad, A.S., Kohi, F., Yamagoe, S., Hashimoto, K., and Suzuki, K..	Novel missense mutation found in Japanese patient with myeloperoxidase deficiency.	Gene	327	195-200	2004

Hoshino, A., Hanaki, K., Suzuki, K. and Yamamoto, K.,	Applications of T-lymphoma labeled with fluorescent quantum dots to cell tracing markers in mouse body	Biochem. Biophys. Res. Comm.	314	46-53	2004
鈴木和男	バイオイメージングが切り開く 新たな診断・治療評価技術	医学のあゆみ	210	171	2004
長尾朋和、鈴木和男	血管炎初期反応のイメージング	医学のあゆみ	210	196-199	2004
長尾朋和、村山 研、越尾 修、大野尚仁、三浦典子、高橋 啓、馬淵綾子、南谷晴之、鈴木和男	腎臓血管傷害のイメージング	PharmaMedica	22	185-189	2004
鈴木和男	バイオイメージングが切り開く 新たな診断・治療評価技術	医学のあゆみ	210	171	2004
Hama, S., Yamaji, H., Kaieda, M., Oda, M., Kondo, A., and Fukuda, H.	Effect of Fatty Acid Membrane Composition on Whole ?Cell Biocatalysts for Biodiesel-fuel Production	Biochemical Engineering Journal	21	155-160	2004
Machi, K., Azuma, M., Igarashi, K., Matsumoto, Fukuda, H., and Kondo, A	Rot1p of <i>Saccharomyces Cerevisiae</i> is a Putative Membrane Protein Required for Normal Levels of the Cell Wall 1,6- β -Glucan	Microbiology	150	3163-3173	2004

Katahira, S., Fujita, Y., Mizuike, A., Fukuda, H., and Kondo, A.	Constraction of Yeast Strain for Xylan Fermentation through Co-Displaying of Xylanolytic Enzymes on Cell Surface of Xylose-Utilizing.	Applied and Environmental Microbiology	70(9)	5407-5414	2004
Kaieda, M., Nagayoshi, M., Hama, S., Kondo, A., and Fukuda H.	Enantioselective Transesterificatio Using Immobilized Asprgillus Oryzae Overexpressing Lipase.,	Applied Microbiology and Biotechnology	65	301-305	2004
Shigechi, H., Koh, J., Fujita, Y., Matsumoto, T., Bito, Y., Ueda, M., Satoh, E., Fukuda, H., and Kondo, A.	Direct Production of Etanol from R Starch Raw Corn via Fermentation by Using of a Novel Surface-Engineered Yeast Strain Codisplaying Gulucoamylase and α -Amylase.	Applied and Environmental Microbiology	70(2)	1207-1212	2004
., Ogino, C., Kanemasu, M., Hayashi, Y., Kondo, A., Shimizu, N., Tokuyama, Y., Kuroda, S., Tanizawa, K., and Fukuda, H.	Over-expression system for secretory phospholipase D by Streptomyces invidans	Applied Microbiology and Biotechnology	64	823-828	2004
Yamada, T., Ueda, M., Seno, M., Kondo, A., Tanizawa, K., and Kuroda, S.	Novel Tissue and Cell Type-specific Gene/Drug Delivery System Using Surface Engineered Hepatitis B Virus Nano-particles.	Current Drug Targets	4	163-167	2004

Narita, J., Nakahara, S., Fukuda, H., and Kondo, A.	Efficient Production of L-(+)-Lactic Acid from Raw Starch by <i>Streptococcus bovis</i> 148	J. Biosci. Bioeng.	97(6)	423-425	2004
Tanino, T., Matsumoto, T., Fukuda, H., and Kondo, A.	Construction of System for Localization of Target Protein in Yeast Periplasm Using Invertase.	Journal of Molecular Catalysis B	28(4-6)	259-264	2004
Matsumoto, T., Ishikawa, S., Fukuda, H., and Kondo, A.	Construction of Ethanol-Tolerant Yeast Strains with Combinatorial Library-Selected Peptides.	Journal of Molecular Catalysis B	28(4-6)	253-257	2004
. Lin, S. Shiraga, T. Tsumuraya, T. Matsumoto, A. Kondo, I. Fujii, M. Ueda.	Isolation of Novel Catalytic Antibody Clones from Combinatorial Library Displayed on Yeast-Cell Surface	Journal of Molecular Catalysis B	28 (4-6)	241-246	2004
Y. Lin, S. Shiraga, T. Tsumuraya, T. Matsumoto, A. Kondo, I. Fujii, M. Ueda	Comparison of Two Forms of Catalytic Antibody Displayed on Yeast-Cell surface	Journal of Molecular Catalysis B	28 (4-6)	241-246	2004
Matsumoto, T., Shibamoto, H., Fukuda, H., and Kondo, A.	Molecular Engineering of <i>Rhizopus</i> <i>orysae</i> Lipase Using a Combinatorial Protein Library Constructed on the Yeast Cell Surface.	Journal of Molecular Catalysis B	28 (4-6)	235-239	2004
Ito, J., Fujita, Y., Ueda, M., Fukuda, H., and Kondo, A.	Improvement of Cellulose-degrading Ability of a Yeast Strain Displaying <i>Trichoderma reesei</i> Endoglucanase by Recombination of Cellulose-Binding Domains.	Biotechnology Progress	20	688-691	2004

Kondo, A., and Ueda, M.	Yeast Cell Surface Display-Application of Molecular Display.	Applied Microbiology and Biotechnology	64	28-40	2004
Fujita, Y., Ito, J., Ueda, M., Fukuda, H. and Kondo, A.	Synergistic Saccharification, and Direct Fermentation to Ethanol, of Amorphous Cellulose by Use of an Engineered Yeast Strain Codisplaying Three Types of Cellulolytic Enzyme.	Applied and Environmental Microbiology	70(2)	1207-1212	2004
Matsumoto, T., Ito, M., Fukuda, H. and Kondo, A.	Enantioselective Transesterification Using Lipase-Displaying Yeast Whole-Cell Biocatalyst.	Applied Microbiology and Biotechnology	64	481-485	2004
Kohda, J., Yamada, T., Yoshida, T., Maruyama, T., Yohda, M., Fukuda, H., and Kondo, A.	Refolding of Proteins by Hexadecamers and Monomers of the α and β Subunits of Group II Chaperonin from the Hyperthermophilic Archaeum Thermococcus Strain KS-1.	Biochemical Engineering Journal	18	73-79	2004
Shigechi, H., Fujita, Y., Koh, J., Ueda, M., Fukuda, H., and Kondo, A.	Energy-Saving Direct Ethanol Production from Low-Temperature-Cooked Corn Starch Using a Cell-Surface Engineered Yeast Strain Co-Displaying Glucoamylase and α -Amylase.	Biochemical Engineering Journal	18	149-153	2004
近藤昭彦, 黒田俊一, 谷澤克行, 妹尾昌治, 上田政和	中空バイオナノ粒子によるピンポイント DDS	ファルマシア			2004
大西徳幸, 近藤昭彦	熱応答性磁性ナノ粒子 (Therma-Max)の開発とそのバイオ領域への応用	MATERIAL STAGE	4(5)	54-57	2004

大西徳幸, 近藤昭彦	熱応答性磁性ナノ粒子の開発とポ ストゲノムシーケンスへの応用	バイオインダスト リー	21(8)	31-38	2004
近藤昭彦, 大西徳幸	熱応答性高分子を利用した磁性ナ ノ粒子の新しい分離法	化学と生物	485	213-216	2004
近藤昭彦	アーミング技術を用いた微生物に よるバイオマス変換の高効率化	グリーンプラジャ ーナル	12	10-13	2004
Kato, Y., S. Tokishita, T. Ohta, and H. Yamagata	A vitellogenin chain containing a superoxide dismutase-like domain is the major component of yolk proteins in cladoceran crustacean <i>Daphnia</i> <i>magna</i>	Gene	334	157-165	2004
. Hoshino, A., K. Fujioka, T. Oku, M. Suga, Y.F. Sasaki, T. Ohta, M. Yasuhara, K. Suzuki, and K. Yamamoto	Physicochemical properties and cellular toxicity of nanocrystal quantum dots depend on their surface modification	Nano Lett.	4	2163-216 9	2004
Watanabe-Akanuma, M. and T. Ohta	Inhibitory effects of NADH/NADPH in S9mix on photo-mutagenicity of thiabendazole following UVA-irradiation in <i>E. coli</i> .	Environ. Mutagen Res.			in press
Honma K, Miyata T, and Ochiya T.	Atelocollagen-based cell transfection array allows high-throughput screening of gene functions and drug discovery	Current Drug Discovery Technologies	1	287-294	2004
Sasaki H, Hirai K, Yamamoto Y, Tanooka H, Sakamoto H, Iwamoto T,	HST-1/FGF-4 plays critical role in crypt cell survival and facilitates epithelial cell restitution and	Oncogene	23	3681-368 8	2004

Takahashi T, Terada M, Ochiya T.	proliferation				
Minakuchi Y, Takeshita F, Kosaka N, Sasaki H, Yamamoto T, Kouno M, Honma K, Nagahara S, Hanai K, Sano A, Kato T, Terada M, Ochiya T.	Atelocollagen-mediated delivery of synthetic small interfering RNA for effective gene silencing <i>in vitro</i> and <i>in vivo</i>	Nucleic Acids Res,	32	e109	2004
Hirai K, Sasaki H, Yamamoto H, Sakamoto H, Kubota Y, Kakizoe T, Terada M, Ochiya T.	HST-1/FGF-4 protects male germ cells from apoptosis under heat-stress condition	Exp Cell Res	294	77-85	2004
Kai E, and Ochiya T.	A method for oral DNA delivery with N-acetylated chitosan	Pharm Res	21	838-843	2004
Hanai K, Kurokawa T, Minakuchi Y, Maeda M, Nagahara S, Miyata T, Ochiya T, and Sano A.	Potential of atelocollagen-mediated systemic antisense therapeutics for inflammatory disease	Hum Gene Ther	15	263-272	2004
Nakamura M, Ando Y, Nagahara S, Sano A, Ochiya T, Maeda S, Kawaji T, Ogawa M, Hirata A, Terazaki H, Haraoka K, Tanihara H, Ueda M, Uchino M, and Yamamura K.	Targeted conversion of the transthyretin gene <i>in vitro</i> and <i>in vivo</i>	Gene Ther	11	838-846	2004

竹下文隆、水口佳子、落谷孝広	アテロコラーゲンをを用いた合成 small interfering RNA の IN VIVO 導入技術	実験医学	22	981-984	2004
竹下文隆, 落谷孝広	がん研究における IN VIVO イメージング	医学の歩み	210	192-195	2004
Nakayama Y, Masuda T, Nagaishi M, Hayashi M, Ohira M, Harada-Shiba M	High performance gene delivery polymeric vector: Nano-structured cationic star polymers (Star Vectors)	Current Drug Delivery	2	53-57	2005
Harada-Shiba M, Takagi A, Marutsuka K, Moriguchi S, Yagy H, Ishibashi S, Asada Y, Yokoyama S	Disruption of autosomal recessive hypercholesterolemia gene shows different phenotype in vitro and in vivo	Circ. Res.	95	945-952	2004
Tokunaga N, Nagaya N, Shirai M, Tanaka E, Ishibashi-Ueda H, Harada-Shiba M, Kanda M, Ito T, Shimizu W, Tabata Y, Uematsu M, Nishigami K, Sano S, Kangawa K, Mori H	Adrenomedullin gene transfer induces therapeutic angiogenesis in a rabbit model of chronic hind limb ischemia: benefits of a novel nonviral vector, gelatin	Circulation	109	526-531	2004
S. Fukushima, K. Miyata, N. Nishiyama, N. Kanayama, Y. Yamasaki, K. Kataoka	PEGylated polyplex micelles from triblock cationomers with spatially-ordered layering of condensed pDNA and buffering units for enhanced intracellular gene delivery	J. Am. Chem. Soc.			in press
M. Oishi, Y. Nagasaki, K. Itaka, N. Nishiyama, K. Kataoka	Lactosylated Poly(ethylene glycol)-siRNA conjugate through acid-labile α -thiopropionate linkage to construct pH-sensitive polyion complex micelles achieving enhanced	J. Am. Chem. Soc.			in press

	gene silencing in hepatoma cells				
M. Oishi, S. Sasaki, Y. Nagasaki, K. Kataoka	Smart polyion complex micelles for targeted intracellular delivery of PEGylated antisense oligonucleotide with acid-labile linkage	ChemBioChem			in press
H. Otsuka, Y. Nagasaki, K. Kataoka	Characterization of aldehyde-PEG tethered surfaces: Influence of PEG chain length on the specific biorecognition	Langmuir			in press
A. Hirano, M. Iijima, K. Emoto, Y. Nagasaki, K. Kataoka	Multi-layered polymeric micelle surface for high performance permselective membrane	Mater. Sci. Eng. C			in press
Y.-S. Bae, N. Nishiyama, S. Fukushima, H. Koyama, Y. Matsumura, K. Kataoka	Preparation and biological characterization of polymeric micelle drug carriers with intracellular pH-triggered drug release property: Tumor permeability, controlled subcellular drug distribution, and enhanced in vivo antitumor efficacy	Bioconjugate Chem	16(1)	122-130	2005
W.-D. Jang, N. Nishiyama, G.-D. Zhang, A. Harada, D.-L. Jiang, S. Kawauci, Y. Morimoto, M. Kikuchi, H. Koyama, T. Aida, K. Kataoka	Supramolecular nanocarrier of anionic dendrimer porphyrins with PEGylated cationic block copolymer to enhance intracellular photodynamic efficacy	Angew. Chem., Int'l. Ed.	44(3)	419-423	2005
H. Cabral, N. Nishiyama, S. Okazaki, H. Koyama, K. Kataoka	Preparation and biological properties of dichloro(1,2-diaminocyclohexane)platinum(II) (DACHPt) loaded polymeric	J. Contr. Rel.	101(1-3)	223-232	2005

	micelles				
D. Wakebayashi, N. Nishiyama, K. Itaka, K. Miyata, Y. Yamasaki, A. Harada, H. Koyama, Y. Nagasaki, K. Kataoka	Polyion complex micelles of pDNA with acetal-poly(ethylene glycol)-poly(2-(dimethylamino)ethyl methacrylate) block copolymer as gene carrier systems: Physicochemical properties of micelles relevant to gene transfection efficacy	Biomacromolecules	5(6)	2128-2136	2005
K. Itaka, N. Kanayama, N. Nishiyama, Y. Yamasaki, K. Nakamura, H. Kawaguchi, K. Kataoka	Supramolecular nanocarrier of siRNA from PEG-based block cationer carrying diamine side-chain with distinctive pKa directed to enhance intracellular gene silencing	J. Amer. Chem. Soc.	126(42)	13612-13613	2004
H. Otsuka, A. Hirano, Y. Nagasaki, T. Okano, Y. Horiike, K. Kataoka	Two-dimensional multiarray formation of hepatocyte spheroids on a microfabricated PEG-brush surface	ChemBioChem	5(6)	850-855	2004
T. Ishii, Y. Sunaga, H. Otsuka, Y. Nagasaki, K. Kataoka	Preparation of water soluble CdS quantum dots stabilized by functional poly(ethylene glycol) and its application for bioassay	J. Polym. Sci. Part A: Polym. Chem.	42(1)	95-98	2004
J.-S. Park, Y. Akiyama, F. M. Winnik, K. Kataoka	Versatile Synthesis of End-functionalized Thermosensitive Poly(2-isopropyl-2-oxazolines)	Macromolecules	37(18)	6786-6792	2004
E.-C. Kang, A. Ogura, K. Kataoka, Y. Nagasaki	Preparation of water-soluble PEGylated semiconductor nanocrystals	Chemistry Letters	33(7)	840-841	2004
Y. Nagasaki, T. Ishii, Y. Sunaga, Y. Watanabe, H. Otsuka, K. Kataoka	Novel molecular recognition via fluorescent resonance energy transfer using a biotin-PEG/polyamine stabilized CdS quantum dot	Langmuir	20(15)	6396-6400	2004