102	Yokota C, Kuge Y, Inoue H, Tamaki N, Minematsu K	Bilateral induction of the S-100A9 gene in response to spreading depression is modulated by the cyclooxygenase-2 activity	J Neurol Sci	234 (1-2)	11-16	2005
103	井上裕康	「フレンチパラドックス」と核内受容体 PPAR との新しい接点	化学と生物	43 (9)	619-624	2005
104	井上裕康	PPARs の内因性リガンド	日本臨牀	63 (4)	578-583	2005
105	宮原義典, 盛英三, 永谷憲歳	特集Ⅱ　第 68 回日本循環器学会学術集会　2．日本型移植医療をどう作るか―細胞・組織・臓器　心血管疾患における細胞―遺伝子ハイブリッド治療(総説)	循環器専門医	13	33-39	2005
106	佐藤英一, 林保臣, 小原春雄, 田中越郎, 盛英三, 河合敏昭, 井上敬, 小川彰, 佐藤成大, 市丸俊夫, 高山和喜, 臼杵辰巳, 佐藤公悦	シンクロトロンにかわる医用単色Ｘ線装置の開発と応用	医学物理	25	25-38	2005
107	Akazawa H, Kudoh S, Mochizuki N, Takekoshi N, Takano H, Nagai T, Komuro I	A novel LIM protein Cal promotes cardiac differentiation by association with CSX/NKX2-5	J Cell Biol	164 (3)	395-405	2004
108	Akiyama T, Yamazaki T, Mori H, Sunagawa K	Simultaneous monitoring of acetylcholine and catecholamine release in the in vivo rat adrenal medulla	Neurochem Int	44 (7)	497-503	2004
109	Akiyama T, Yamazaki T, Mori H, Sunagawa K	Effects of Ca2+ channel antagonists on acetylcholine and catecholamine releases in the in vivo rat adrenal medulla	Am J Physiol Regul Integr Comp Physiol	287 (1)	R161-166	2004
110	Asanuma H, Minamino T, Sanada S, Takashima S, Ogita H, Ogai A, Asakura M, Liao Y, Asano Y, Shintani Y, Kim J, Shinozaki Y, Mori H, Node K, Kitamura S, Tomoike H, Hori M, Kitakaze M	□-adrenoceptor blocker carvedilol provides cardioprotection via an adenosine-dependent mechanism in ischemic canine hearts	Circulation	109 (22)	2773-2779	2004
111	Asanuma H, Sanada S, Ogai A, Minamino T, Takashima S, Asakura M, Ogita H, Shinozaki Y, Mori H, Node K, Tomoike H, Hori M, Kitakaze M	Methotrexate and MX-68, a new derivative of methotrexate, limit infarct size via adenosine-dependent mechanisms in canine hearts	J Cardiovasc Pharmacol	43 (4)	574-579	2004

112	Chang YJ, Wu MS, Lin JT, Sheu BS, Muta T, Inoue H, Chen CC	Induction of cyclooxygenase-2 overexpression in human gastric epithelial cells by Helicobacter pylori involves TLR2/TLR9 and c-Src-dependent nuclear factor-kappaB activation	Mol Pharmacol	66 (6)	1465-1477	2004
113	Chen BC, Yu CC, Lei HC, Chang MS, Hsu MJ, Huang CL, Chen MC, Sheu JR, Chen TF, Chen TL, Inoue H, Lin CH	Bradykinin B2 receptor mediates NF-kappaB activation and cyclooxygenase-2 expression via the Ras/Raf-1/ERK pathway in human airway epithelial cells	J Immunol	173 (8)	5219-5228	2004
114	Endo A, Surks HK, Mochizuki S, Mochizuki N, Mendelsohn ME	Identification and characterization of zipper-interacting protein kinase as the unique vascular smooth muscle myosin phosphatase-associated kinase	J Biol Chem	279 (40)	42055-42061	2004
115	Fujii T, Yamazaki T, Akiyama T, Sano S, Mori H	Extraneuronal enzymatic degradation of myocardial interstitial norepinephrine in the ischemic region	Cardiovasc Res	64 (1)	125-131	2004
116	Fujii T, Yamazaki T, Akiyama T, Sano S, Mori H	In vivo assessment of catechol O-methyltransferase activity in rabbit skeletal muscle	Auton Neurosci	111 (2)	140-143	2004
117	Hisamitsu T, Pang T, Shigekawa M, Wakabayashi S	Dimeric interaction between the cytoplasmic domains of the Na+/H+ exchanger NHE1 revealed by symmetrical intermolecular cross-linking and selective co-immunoprecipitation.	Biochemistry	43 (34)	11135-11143	2004
118	Ishida J, Hashimoto T, Hashimoto Y, Nishiwaki S, Iguchi T, Harada S, Sugaya T, Matsuzaki H, Yamamoto R, Shiota N, Okunishi H, Kihara M, Umemura S, Sugiyama F, Yagami K, Kasuya Y, Mochizuki N, Fukamizu A	Regulatory roles for APJ, a seven-transmembrane receptor related to angiotensin-type 1 receptor in blood pressure in vivo	J Biol Chem	279 (25)	26274-26279	2004
119	Iwata Y, Sampaolesi M, Shigekawa M, Wakabayashi S	Syntrophin is an actin-binding protein the cellular localization of which is regulated through cytoskeletal reorganization in skeletal muscle cells	Eur J Cell Biol	83 (10)	555-565	2004
120	Kaji T, Kuge Y, Yokota C, Tagaya M, Inoue H, Shiga T, Minematsu K, Tamaki N	Characterisation of [123I]iomazenil distribution in a rat model of focal cerebral ischaemia in relation to histopathological findings	Eur J Nucl Med Mol Imaging	31 (1)	64-70	2004
121	Kokubo Y, Inamoto N, Tomoike H, Kamide K, Takiuchi S, Kawano Y, Tanaka	Association of genetic polymorphisms of sodium-calcium exchanger 1 gene, NCX1, with hypertension in a Japanese general	Hypertens Res	27 (10)	697-702	2004

	C, Katanosaka Y, Wakabayashi S, Shigekawa M, Hishikawa O, Miyata T	population				
122	Nagaya N, Fujii T, Iwase T, Ohgushi H, Itoh T, Uematsu M, Yamagishi M, Mori H, Kangawa K, Kitamura S	Intravenous administration of mesenchymal stem cells improves cardiac function in rats with acute myocardial infarction through angiogenesis and myogenesis	Am J Physiol Heart Circ Physiol	287 (6)	H2670-2676	2004
123	Nagaya N, Kyotani S, Uematsu M, Ueno K, Oya H, Nakanishi N, Shirai M, Mori H, Miyatake K, Kangawa K	Effects of adrenomedullin inhalation on hemodynamics and exercise capacity in patients with idiopathic pulmonary arterial hypertension	Circulation	109 (3)	351-356	2004
124	Nakatani K, Yamakuni T, Kondo N, Arakawa T, Oosawa K, Shimura S, Inoue H, Ohizumi Y	gamma-Mangostin inhibits inhibitor-kappaB kinase activity and decreases lipopolysaccharide-induced cyclooxygenase-2 gene expression in C6 rat glioma cells	Mol Pharmacol	66 (3)	667-674	2004
125	Nishimori T, Inoue H, Hirata Y	Involvement of the 3'-untranslated region of cyclooxygenase-2 gene in its post-transcriptional regulation through the glucocorticoid receptor	Life Sci	74 (20)	2505-2513	2004
126	Norata GD, Callegari E, Inoue H, Catapano AL	HDL3 induces cyclooxygenase-2 expression and prostacyclin release in human endothelial cells via a p38 MAPK/CRE-dependent pathway: effects on COX-2/PGI-synthase coupling	Arterioscler Thromb Vasc Biol	24 (5)	871-877	2004
127	Norata GD, Pirillo A, Pellegatta F, Inoue H, Catapano AL	Native LDL and oxidized LDL modulate cyclooxygenase-2 expression in HUVECs through a p38-MAPK, NF-kappaB, CRE dependent pathway and affect PGE2 synthesis	Int J Mol Med	14 (3)	353-359	2004
128	Ohki T, Mikhailenko SV, Morales MF, Onishi H, Mochizuki N	Transmission of force and displacement within the myosin molecule	Biochemistry	43 (43)	13707-13714	2004
129	Onishi H, Mochizuki N, Morales MF	On the myosin catalysis of ATP hydrolysis	Biochemistry	43 (13)	3757-3763	2004
130	Pang T, Hisamitsu T, Mori H, Shigekawa M, Wakabayashi S	Role of calcineurin B homologous protein in pH regulation by the Na+/H+ exchanger 1: tightly bound Ca2+ ions as important structural elements	Biochemistry	43 (12)	3628-3636	2004
131	Pearson JT, Shirai M, Ito H, Tokunaga N, Tsuchimochi H, Nishiura N, Schwenke DO, Ishibashi-Ueda H,	In situ measurements of crossbridge dynamics and lattice spacing in rat hearts by x-ray diffraction: sensitivity to regional ischemia	Circulation	109 (24)	2976-2979	2004

	Akiyama R, Mori H, Kangawa K, Suga H, Yagi N					
132	Sagae M, Sato E, Hayashi Y, Tanaka E, Mori H, Kawai T, Obara H, Ichimaru T, Takayama K, Ido H	Monochromatic polycapillary imaging utilizing a computed radiography system	Igaku Butsuri	24 (2)	78-85	2004
133	Sanada S, Asanuma H, Minamino T, Node K, Takashima S, Okuda H, Shinozaki Y, Ogai A, Fujita M, Hirata A, Kim J, Asano Y, Mori H, Tomoike H, Kitamura S, Hori M, Kitakaze M	Optimal windows of statin use for immediate infarct limitation: 5'-nucleotidase as another downstream molecule of phosphatidylinositol 3-kinase	Circulation	110 (15)	2143-2149	2004
134	Sato E, Hayasi Y, Germer R, Koorikawa Y, Murakami K, Tanaka E, Mori H, Kawai T, Ichimaru T, Obata F, Takahashi K, Sato S, Takayama K, Ido H	Weakly ionized cerium plasma radiography	SPIE	5210	12-21	2004
135	Sato E, Hayasi Y, Germer R, Murakami K, Koorikawa Y, Tanaka E, Mori H, Kawai T, Ichimaru T, Obata F, Takahashi K, Sato S, Takayama K, Ido H	Weakly ionized plasma flash x-ray generator and its distinctive characteristics	SPIE	5196	383-392	2004
136	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Ichimaru T, Ido H	Sharp characteristic X-ray irradiation from weakly ionized linear plasma	J. Electron Spectroscopy and Related Phenomena	137-140	713-720	2004
137	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Ichimaru T, Sato S, Takayama K, Ido H	Quasi-monochromatic parallel radiography utilizing a computed radiography system	J. Electron Spectroscopy and Related Phenomena	137-140	705-711	2004
138	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Ichimaru T, Sato S, Takayama K, Ido H	Portable X-ray generator utilizing a cerium-target radiation tube for angiography	J. Electron Spectroscopy and Related Phenomena	137-140	699-704	2004
139	Sato E, Hayasi Y, Tanaka E, Mori H, Kawai T, Ichimaru T, Obata F, Takahashi K, Sato S, Takayama K, Ido H	Quasi-monochromatic polycapillary imaging utilizing a computed radiography system	SPIE	5196	412-420	2004

140	Sato E, Obata F, Takahashi K, Sato S, Tanaka E, Mori H, Kawai T, Ichimaru T, Takayama K, Ido H	Extremely soft x-ray generator and its applications	SPIE	5537	38-44	2004
141	Sato E, Sagae M, Tanaka E, Hayasi Y, Germer R, Mori H, Kawai T, Ichimaru T, Sato S, Takayama K, Ido H	Quasi-Monochromatic Flash X-Ray Generator Utilizing Disk-Cathode Molybdenum Tube	Jpn. J. Appl. Phys.	43 (10)	7324-7328	2004
142	Sato E, Tanaka E, Mori H, Kawai T, Ichimaru T, Sato S, Takayama K, Ido H	Demonstration of enhanced K-edge angiography using a cerium target x-ray generator	Med Phys	31 (11)	3017-3021	2004
143	Sato E, Tanaka E, Mori H, Kawai T, Ichimaru T, Sato S, Takayama K, Ido H	Bremsstrahlung x-ray spectra for enhanced K-edge angiography	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	39	11-17	2004
144	Sato E, Tanaka E, Mori H, Kawai T, Ito F, Ichimaru T, Sato S, Takayama K, Ido H	Compact x-ray generator utilizing cerium-target tube for angiography	SPIE	5537)	75-81	2004
145	Sato E, Yamadera A, Sagae M, Ichimaru T, Morino Y, Ikeda M, Sasaki C, Tanaka E, Mori H, Kawai T, Ito F, Sato S, al. e	Cerium x-ray spectra without filtering and their application to high-contrast angiography	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	39	1-9	2004
146	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 (4)	526-531	2004
147	Yamagishi A, Masuda M, Ohki T, Onishi H, Mochizuki N	A novel actin bundling/filopodium-forming domain conserved in insulin receptor tyrosine kinase substrate p53 and missing in metastasis protein	J Biol Chem	279 (15)	14929-14936	2004
148	Yokota C, Kaji T, Kuge Y, Inoue H, Tamaki N, Minematsu K	Temporal and topographic profiles of cyclooxygenase-2 expression during 24 h of focal brain ishemia in rats	Neurosci Lett	357 (3)	219-222	2004
149	Yokota C, Kuge Y, Hasegawa Y, Inoue H, Tagaya M, Abumiya T, Kito G, Tamaki N, Minematsu K	Neuronal cyclooxygenase-2 expression during spreading depression and focal brain ischemia	脳循環代謝	16 (2)	89-95	2004

150	Yokota C, Kuge Y, Hasegawa Y, Inoue H, Tagaya M, Abumiya T, Kito G, Tamaki N, Minematsu K	Neuronal cyclooxygenase-2 induction associated with spreading depression and focal brain ischemia in primates	International Congress series 1264		191-196	2004
151	Yoshizaki H, Ohba Y, Parrini MC, Dulyaninova NG, Bresnick AR, Mochizuki N, Matsuda M	Cell type-specific regulation of RhoA activity during cytokinesis	J Biol Chem	279 (43)	44756-44762	2004
152	井上裕康	赤ワインに含まれるポリフェノール・レスベラトロールに関する最近の話題	ビタミン	78 (12)	621-623	2004
153	岩田裕子, 片野坂友紀, 若林繁夫, 重川宗一	Ca2+ -permeable カチオンチャネルと筋変性	ゲノム医学	4 (1)	35-43	2004
154	若林繁夫, 隆 久, 天翔 厖	Na+/H+交換輸送体：生体プロトン環境を制御するイオントランスポータ	Otology Japan (日本耳科学会)	14 (3)	262-267	2004
155	増田道隆, 小形尚子, 望月直樹	PECAM-1 を介した血管内皮細胞のメカノセンシング	日薬理誌	124	311-318	2004
156	宮原義典, 永谷憲歳, 盛英三	遺伝子と細胞のハイブリッド化による血管新生の制御と微小血管造影法による新生血管の可視化	Biotherapy	18	449-456	2004
157	Akiyama T, Yamazaki T, Mori H, Sunagawa K	Inhibition of cholinesterase elicits muscarinic receptor-mediated synaptic transmission in the rat adrenal medulla	Auton Neurosci	107 (2)	65-73	2003
158	Endo A, Fukuhara S, Masuda M, Ohmori T, Mochizuki N	Selective inhibition of vascular endothelial growth factor receptor-2 (VEGFR-2) identifies a central role for VEGFR-2 in human aortic endothelial cell responses to VEGF	J Recept Signal Transduct Res	23 (2-3)	239-254	2003
159	Han S, Inoue H, Flowers LC, Sidell N	Control of COX-2 gene expression through peroxisome proliferator-activated receptor gamma in human cervical cancer cells	Clin Cancer Res	9 (12)	4627-4635	2003
160	Inoue H, Jiang XF, Katayama T, Osada S, Umesono K, Namura S	Brain protection by resveratrol and fenofibrate against stroke requires peroxisome proliferator-activated receptor alpha in mice	Neurosci Lett	352 (3)	203-206	2003
161	Inoue H, Taba Y, Miwa Y, Yokota C, Miyagi M, Sasaguri T	Induction of cyclooxygenase-2 expression by fluid smear stress in vascular endothelial cells	Adv Exp Med Biol	525	141-144	2003
162	Kasahara H, Tanaka E, Fukuyama N, Sato E, Sakamoto H, Tabata Y, Ando K, Iseki H, Shinozaki Y,	Biodegradable gelatin hydrogel potentiates the angiogenic effect of fibroblast growth factor 4 plasmid in rabbit hindlimb ischemia	J Am Coll Cardiol	41 (6)	1056-1062	2003

	Kimura K, Kuwabara E, Koide S, Nakazawa H, Mori H					
163	Kitagawa H, Yamazaki T, Akiyama T, Mori H, Sunagawa K	Effects of moderate hypothermia on norepinephrine release evoked by ouabain, tyramine and cyanide	J Cardiovasc Pharmacol	41 Suppl 1	S111-114	2003
164	Kitagawa H, Yamazaki T, Akiyama T, Mori H, Sunagawa K	Effects of ketamine on exocytotic and non-exocytotic noradrenaline release	Neurochem Int	42 (3)	261-267	2003
165	Kogata N, Masuda M, Kamioka Y, Yamagishi A, Endo A, Okada M, Mochizuki N	Identification of Fer tyrosine kinase localized on microtubules as a platelet endothelial cell adhesion molecule-1 phosphorylating kinase in vascular endothelial cells	Mol Biol Cell	14 (9)	3553-3564	2003
166	Komatsu M, Sato E, Hayasi Y, Usuki T, Sato K, Tanaka E, Mori H, Ojima H, Takayama K, Ido H	Low-photon-energy plasma flash x-ray generator (LPFXG-2002)	SPIE	4948	574-579	2003
167	Komatsu M, Sato E, Hayasi Y, Usuki T, Sato K, Tanaka E, Mori H, Ojima H, Takayama K, Ido H	Compact flash x-ray generator (MFXG-02) and its applications	SPIE	4948	640-645	2003
168	Nagaya N, Kangawa K, Kanda M, Uematsu M, Horio T, Fukuyama N, Hino J, Harada-Shiba M, Okumura H, Tabata Y, Mochizuki N, Chiba Y, Nishioka K, Miyatake K, Asahara T, Hara H, Mori H	Hybrid cell-gene therapy for pulmonary hypertension based on phagocytosing action of endothelial progenitor cells	Circulation	108 (7)	889-895	2003
169	Nagaya N, Okumura H, Uematsu M, Shimizu W, Ono F, Shirai M, Mori H, Miyatake K, Kangawa K	Repeated inhalation of adrenomedullin ameliorates pulmonary hypertension and survival in monocrotaline rats	Am J Physiol Heart Circ Physiol	285 (5)	H2125-2131	2003
170	Obara H, Zuguchi M, Sato E, Tanaka E, Mori H, Usuki T, Sato K, Ojima H, Takayama K	Applications of stroboscopic x-ray generators to high-speed radiographies including biomedical applications	SPIE	4948	269-274	2003
171	Ogita H, Kunimoto S, Kamioka Y, Sawa H, Masuda M, Mochizuki N	EphA4-mediated Rho activation via Vsm-RhoGEF expressed specifically in vascular smooth muscle cells	Circ Res	93 (1)	23-31	2003
172	Sato E, Germer RK, Hayasi Y, Tanaka E, Mori H, Kawai T, Usuki T, Sato K,	Quasi-monochromatic parallel flash radiography achieved with a plane-focus x-ray tube	SPIE	4948	646-651	2003

	Obara H, Zuguchi M, Ichimaru T, Ojima H, Takayama K, Ido H					
173	Sato E, Germer RK, Hayasi Y, Tanaka E, Mori H, Kawai T, Usuki T, Sato K, Obara H, Zuguchi M, Ichimaru T, Ojima H, Takayama K, Ido H	Plasma flash x-ray generator (PFXG-02)	SPIE	4948	604-609	2003
174	Sato E, Hayashi Y, Gemer R, Tanaka E, Mori H, Kawai T, Obara H, Ichimaru T, Takayama K, Ido H	Intense Characteristic X-ray Irradiation from Weakly Ionized Linear Plasma and Applications	Medical Imaging and Information Sciences (医用画像情報学会・MII)	20)	154-161	2003
175	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Ichimaru T, Obata F	Quasi-monochromatic x-ray irradiation from weakly ionized linear nickel plasma	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	38	13-22	2003
176	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Ichimaru T, Takayama K, Ido H	Quasi-monochromatic flash x-ray generator utilizing weakly ionized linear copper plasma	Rev Sci Instrum	74 (12)	5236-5240	2003
177	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Kawai T, Obara H, Ichimaru T, Takayama K, Ido H	Irradiation of intense characteristic x-rays from weakly ionized linear molybdenum plasma	Igaku Butsuri	23 (2)	123-131	2003
178	Sato E, Obata F, Takahashi K, Sato S, Tanaka E, Mori H, Kawai T, Ichimaru T, Takayama K	Development of an extremely soft x-ray generator	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	38	23-29	2003
179	Shirai M, Pearson JT, Shimouchi A, Nagaya N, Tsuchimochi H, Ninomiya I, Mori H	Changes in functional and histological distributions of nitric oxide synthase caused by chronic hypoxia in rat small pulmonary arteries	Br J Pharmacol	139 (5)	899-910	2003
180	Su X, Pang T, Wakabayashi S, Shigekawa M	Evidence for involvement of the putative first extracellular loop in differential volume sensitivity of the Na+/H+ exchangers NHE1 and NHE2	Biochemistry	42 (4)	1086-1094	2003
181	Taba Y, Miyagi M, Miwa Y, Inoue H, Takahashi-Yanaga F, Morimoto S, Sasaguri T	15-deoxy-delta 12,14-prostaglandin J2 and laminar fluid shear stress stabilize c-IAP1 in vascular endothelial cells	Am J Physiol Heart Circ Physiol	285 (1)	H38-46	2003
182	Takeda S, Yamashita A, Maeda K, Maeda Y	Structure of the core domain of human cardiac troponin in the Ca(2+)-saturated form	Nature	424 (6944)	35-41	2003
183	Tokunaga N, Yamazaki T, Akiyama T, Mori H	Detection of 3-methoxy-4-hydroxyphenylglycol in rabbit skeletal muscle	J Chromatogr B Analyt Technol	798 (1)	163-166	2003

		microdialysate	Biomed Life Sci			
184	Tokunaga N, Yamazaki T, Akiyama T, Sano S, Mori H	In vivo monitoring of norepinephrine and its metabolites in skeletal muscle	Neurochem Int	43 (6)	573-580	2003
185	Tokunaga N, Yamazaki T, Akiyama T, Sano S, Mori H	Acute limb ischemia does not facilitate but inhibits norepinephrine release from muscle sympathetic nerve endings in anesthetized rabbit	J Cardiovasc Pharmacol	42 Suppl 1	S7-10	2003
186	Wakabayashi S, Hisamitsu T, Pang T, Shigekawa M	Mutations of Arg440 and Gly455/Gly456 oppositely change pH sensing of Na+/H+ exchanger 1	J Biol Chem	278 (14)	11828-11835	2003
187	Wakabayashi S, Hisamitsu T, Pang T, Shigekawa M	Kinetic dissection of two distinct proton binding sites in Na+/H+ exchangers by measurement of reverse mode reaction	J Biol Chem	278 (44)	43580-43585	2003
188	Yokota C, Inoue H, Kuge Y, Abumiya T, Tagaya M, Hasegawa Y, Ejima N, Tamaki N, Minematsu K	Cyclooxygenase-2 expression associated with spreading depression in a primate model	J Cereb Blood Flow Metab	23 (4)	395-398	2003
189	Yokota C, Kuge Y, Inoue H, Tagaya M, Kito G, Susumu T, Tamaki N, Minematsu K	Post-ischemic cyclooxygenase-2 expression is regulated by the extent of cerebral blood flow reduction in non-human primates	Neurosci Lett	341 (1)	37-40	2003
190	Yoshizaki H, Ohba Y, Kurokawa K, Itoh RE, Nakamura T, Mochizuki N, Nagashima K, Matsuda M	Activity of Rho-family GTPases during cell division as visualized with FRET-based probes	J Cell Biol	162 (2)	223-232	2003
191	井上裕康	核内受容体 PPAR を介する誘導型シクロオキシゲナーゼの発現調節に関する研究	ビタミン	77(8)	449-458	2003
192	河合敏昭, 鈴木克彦, 高瀬欣治, 川上博己, 望月亮, 山口孝一, 田中越郎, 笠原啓史, 福山直人, 篠崎芳郎, 盛英三, 東将浩, 西上和宏, 田中良一, 内藤博昭	微小血管撮影装置開発と再生血管の可視化（総説）	Radioisotopes	52 (1)	53-56	2003
193	秋山剛, 山崎登自, 盛英三	虚血部心臓交感神経終末におけるノルエピネフリン動態	呼吸と循環	51 (3)	269-275	2003
194	前田雄一郎, 武田壮二, 森本幸生, 大槻磐男	トロポニンの結晶構造とカルシウム調節のメカニズム（総説）	蛋白質・核酸・酵素	48 (14)	1877-1889	2003
195	増田道隆	ずり応力センサー分子としてのPECAM-1	血管医学	4	259-266	2003

196	武田壮一	筋収縮・弛緩を調節するタンパク質トロポニンの結晶構造 (Review)	Bio Medical Quick Review Net, メディカルドゥ			2003
197	武田壮一, 前田雄一郎	トロポニンの結晶構造と筋収縮調節機構（ﾐﾆﾚﾋﾞｭｰ）	生化学	75 (12)	1540-1545	2003
198	武田壮一, 前田雄一郎	ヒト心筋トロポニンの結晶構造（解説）	SPring-8 利用者情報、最近の研究から	8 (8)		2003
199	Akiyama T, Yamazaki T, Mori H	Acetylcholinestrase inhibitor elicits muscarinic receptor-mediated cholinergic transmission in the rat adrenal medulla	Adv in Beh Biol	53	65-68	2002
200	Endo A, Nagashima K, Kurose H, Mochizuki S, Matsuda M, Mochizuki N	Sphingosine 1-phosphate induces membrane ruffling and increases motility of human umbilical vein endothelial cells via vascular endothelial growth factor receptor and CrkII	J Biol Chem	277 (26)	23747-23754	2002
201	Glinghammar B, Inoue H, Rafter JJ	Deoxycholic acid causes DNA damage in colonic cells with subsequent induction of caspases, COX-2 promoter activity and the transcription factors NF-kB and AP-1	Carcinogenesis	23 (5)	839-845	2002
202	Inoue H, Taba Y, Miwa Y, Yokota C, Miyagi M, Sasaguri T	Transcriptional and posttranscriptional regulation of cyclooxygenase-2 expression by fluid shear stress in vascular endothelial cells	Arterioscler Thromb Vasc Biol	22 (9)	1415-1420	2002
203	Itoh RE, Kurokawa K, Ohba Y, Yoshizaki H, Mochizuki N, Matsuda M	Activation of rac and cdc42 video imaged by fluorescent resonance energy transfer-based single-molecule probes in the membrane of living cells	Mol Cell Biol	22 (18)	6582-6591	2002
204	Kawada T, Yamazaki T, Akiyama T, Mori H, Inagaki M, Shishido T, Takaki H, Sugimachi M, Sunagawa K	Effects of brief ischaemia on myocardial acetylcholine and noradrenaline levels in anaesthetized cats	Auton Neurosci	95 (1-2)	37-42	2002
205	Kawada T, Yamazaki T, Akiyama T, Mori H, Uemura K, Miyamoto T, Sugimachi M, Sunagawa K	Disruption of vagal efferent axon and nerve terminal function in the postischemic myocardium	Am J Physiol Heart Circ Physiol	283 (6)	H2687-2691	2002
206	Kitagawa H, Yamazaki T, Akiyama T, Yahagi N, Kawada T, Mori H, Sunagawa K	Modulatory effects of ketamine on catecholamine efflux from in vivo cardiac sympathetic nerve endings in cats	Neurosci Lett	324 (3)	232-236	2002
207	Koide Y, Hasegawa T, Takahashi A, Endo A, Mochizuki N, Nakagawa M,	Development of novel EDG3 antagonists using a 3D database search and their structure-activity relationships	J Med Chem	45 (21)	4629-4638	2002

	Nishida A					
208	Kuwabara E, Furuyama F, Ito K, Tanaka E, Hattan N, Fujikura H, Kimura K, Goto T, Hayashi T, Taira H, Shinozaki Y, Umetani K, Hyodo K, Tanioka K, Mochizuki R, Kawai T, Koide S, Mori H	Inhomogeneous vasodilatory responses of rat tail arteries to heat stress: evaluation by synchrotron radiation microangiography	Jpn J Physiol	52 (5)	403-408	2002
209	Nagashima K, Endo A, Ogita H, Kawana A, Yamagishi A, Kitabatake A, Matsuda M, Mochizuki N	Adaptor protein Crk is required for ephrin-B1-induced membrane ruffling and focal complex assembly of human aortic endothelial cells	Mol Biol Cell	13 (12)	4231-4242	2002
210	Ogita H, Node K, Asanuma H, Sanada S, Liao Y, Takashima S, Asakura M, Mori H, Shinozaki Y, Hori M, Kitakaze M	Amelioration of ischemia- and reperfusion-induced myocardial injury by the selective estrogen receptor modulator, raloxifene, in the canine heart	J Am Coll Cardiol	40 (5)	998-1005	2002
211	Onishi H, Ohki T, Mochizuki N, Morales MF	Early stages of energy transduction by myosin: roles of Arg in switch I, of Glu in switch II, and of the salt-bridge between them	Proc Natl Acad Sci U S A	99 (24)	15339-15344	2002
212	Pang T, Wakabayashi S, Shigekawa M	Expression of calcineurin B homologous protein 2 protects serum deprivation-induced cell death by serum-independent activation of Na+/H+ exchanger	J Biol Chem	277 (46)	43771-43777	2002
213	Pearson JT, Yagi N, Shirai M, Nishiura N, Kanada M, Tokunaga N, Suga H, Mori H	Future investigations of micro-macro level cardiac functions using X-ray diffraction	BME	16	29-35	2002
214	Post GR, Swiderski C, Waldrop BA, Salty L, Glembotski CC, Wolthuis RM, Mochizuki N	Guanine nucleotide exchange factor-like factor (Rlf) induces gene expression and potentiates alpha 1-adrenergic receptor-induced transcriptional responses in neonatal rat ventricular myocytes	J Biol Chem	277 (18)	15286-15292	2002
215	Sato E, Hayasi Y, Germer R, Tanaka E, Mori H, Obara H, Ichimaru T, Takayama K	New x-ray irradiation from weakly ionized linear plasma	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	37	13-22	2002
216	Sato E, Hayasi Y, Tanaka E, Mori H, Kawai T, Usuki T, Sato K, Obara H, Ichimaru T, Takayama K, Ido H, Tamakawa Y	Quasi-monochromatic radiography using a high-intensity quasi-x-ray laser generator	SPIE	4682	538-548	2002

217	Sato E, Hayasi Y, Tanaka E, Mori H, Komatsu M, Obara H, Ichimaru T, Takayama K	Quasi-monochromatic parallel radiography achieved with a plane-focus x-ray tube	Ann. Rep. Iwate Med. Univ. Lib. Arts and Sci.	37	23-32	2002
218	Sato E, Toriyabe H, Hayasi Y, Tanaka E, Mori H, Kawai T, Usuki T, Sato K, Obara H, Ichimaru T, Takayama K, Ido H, Tamakawa Y	Fundamental study on parallel-beam radiography using a polycapillary plate	SPIE	4682	298-310	2002
219	Shinohara M, Terada Y, Iwamatsu A, Shinohara A, Mochizuki N, Higuchi M, Gotoh Y, Ihara S, Nagata S, Itoh H, Fukui Y, Jessberger R	SWAP-70 is a guanine-nucleotide-exchange factor that mediates signalling of membrane ruffling	Nature	416 (6882)	759-763	2002
220	若林繁夫, 天翔 庖, 重川宗一	Na+/H+交換輸送体の構造と機能－活性に必須な因子としてのCHP	心臓	34	333-340	2002

別紙４

研究成果の刊行に関する一覧表　（分子機能イメージング神経系）

書籍

	著者名	タイトル	書籍全体編集者名	書籍名	出版社名	出版地	出版年	ページ
1	Wada K, Yamada K, Santo-Yamada Y, Maeno H, Wada E, Sekiguchi M	Altered emotional behaviors in mammalian bombesin receptor knockout mice: implication for the molecular pathogenesis of stress-induced psychiatric disorders in humans. In PTSD	Kato N, Kawata M, Pitman RK	Brain Mechanisms and Clinical Implications	Springer	東京	2006	83-88
2	Kusumi A, Suzuki K, Kondo J, Morone N, Umemura Y	Protein-Lipid Interactions in the Formation of Raft Microdomains in Biololgical Membranes	Tamm LK	Protein Lipid Interactions: From Membrane Domains to Cellular Networks	Wiley-VCH	Germany	2005	307-336

雑誌

	発表者氏名	論文タイトル	発表雑誌名	巻名	ページ	出版年
1	Ohira K, Funatsu N, Homma K, Sahara Y, Hayashi M, Kaneko T, Nakamura S	Truncated TrkB-T1 regulates the morphology of neocortical layer I astrocytes in adult rat brain slices	Eur. J. Neurosci.	25	406-416	2007
2	Setsuie R, Wang YL, Mochizuki H, Osaka H, Hayakawa H, Ichihara N, Li H, Furuta A, Sano Y, Sun YJ, Kwon J, Kabuta T, Yoshimi K, Aoki S, Mizuno Y, Noda M, Wada K	Dopaminergic neuronal loss in transgenic mice expressing the Parkinson's disease-associated UCH-L1 I93M mutant	Neurochem. Int.	50	119-129	2007
3	Amano T, Aoki S, Setsuie R, Sakurai M, Wada K, Noda M	Identification of a novel regulatory mechanism for norepinephrine transporter activity by the IP3 receptor	Eur. J. Pharmacol.	536 (1-2)	62-68	2006
4	Fukazawa N, Ayukawa K, Nishikawa K, Ohashi H, Ichihara N, Hikawa Y, Abe T, Kudo Y, Kiyama H, Wada K, Aoki S	Identification and functional characterization of mouse TPO1 as a myelin membrane protein	Brain Res.	1070	1-14	2006
5	Kabuta T, Suzuki Y, Wada K	Degradation of amyotrophic lateral sclerosis-linked mutant SOD1 proteins by macroautophagy and the proteasome	J. Biol. Chem.	281	30524-30533	2006

6	Kwon J, Sekiguchi S, Wang YL, Setsuie R, Yoshikawa Y, Wada K	The region-specific functions of two ubiquitin C-terminal hydrolase isozymes along the epididymis	Exp. Anim.	55 (1)	35-43	2006
7	Morone N, Fujiwara T, Murase K, Kasai SR, Ike H, Yuasa S, Usukura J, Kusumi A	Three-dimensional reconstruction of the membrane skeleton at the plasma membrane interface by electron tomography	J. Cell Biol.	174	851-862	2006
8	Naito S, Mochizuki H, Yasuda T, Mizuno Y, Furusaka M, Ikeda S, Adachi T, Shimizu HM, Suzuki J, Fujiwara S, Okada T, Nishikawa K, Aoki S, Wada K	Characterization of multimetric variants of ubiquitin carboxyl-terminal hydrolase L1 in water by small-angle neutron scattering	Biochem. Biophys. Res. Commun.	339 (2)	717-725	2006
9	Nakada C, Morone N, Kusumi A	[Membrane skeleton: interaction of the plasma membrane with the cytoskeleton]	Tanpakushitsu Kakusan Koso	51	672-682	2006
10	Noda M, Kettenmann H, Wada K	Anti-inflammatory effects of kinins via microglia in the central nervous system	Biol. Chem.	387 (2)	167-171	2006
11	Ohira K, Homma KJ, Hirai H, Nakamura S, Hayashi M	TrkB-T1 regulates the RhoA signaling and actin cytoskeleton in glioma cells	Biochem. Biophys. Res. Commun.	342 (3)	867-874	2006
12	Sakurai M, Ayukawa K, Setsuie R, Nishikawa K, Hara Y, Ohashi H, Nishimoto M, Abe T, Kudo Y, Sekiguchi M, Sato Y, Aoki S, Noda M, Wada K	Ubiquitin C-terminal hydrolase L1 regulates the morphology of neural progenitor cells and modulates their differentiation	J. Cell Sci.	119 (Pt 1)	162-171	2006
13	Sano Y, Furuta A, Setsuie R, Kikuchi H, Wang YL, Sakurai M, Kwon J, Noda M, Wada K	Photoreceptor cell apoptosis in the retinal degeneration of Uchl3-deficient mice	Am. J. Pathol.	169 (1)	132-141	2006
14	Sato A, Arimura Y, Manago Y, Nishikawa K, Aoki K, Wada E, Suzuki Y, Osaka H, Setsuie R, Sakurai M, Amano T, Aoki S, Wada K, Noda M	Parkin potentiates ATP-induced currents due to activation of P2X receptors in PC12 cells	J. Cell. Physiol.	209	172-182	2006
15	Sun YJ, Nishikawa K, Yuda H, Wang YL, Osaka H, Fukazawa N, Naito A, Kudo Y, Wada K, Aoki S	Solo/Trio8, a membrane-associated short isoform of Trio, modulates endosome dynamics and neurite elongation	Mol. Cell Biol.	26 (18)	6923-6935	2006
16	Tomita S, Sekiguchi M, Wada K, Nicoll RA, Bredt DS	Stargazin controls the pharmacology of AMPA receptor potentiators	Proc. Natl. Acad. Sci. U S A.	103 (26)	10064-10067	2006
17	Wang YL, Liu W, Sun YJ, Kwon J, Setsuie R, Osaka H, Noda M, Aoki S, Yoshikawa Y, Wada K	Overexpression of ubiquitin carboxyl-terminal hydrolase L1 arrests spermatogenesis in transgenic mice.	Mol. Reprod Dev.	73 (1)	40-49	2006

18	Yamauchi R, Wada E, Yamada D, Yoshikawa M, Wada K	Effect of beta-lactotensin on acute stress and fear memory	Peptides	27	3176-3182	2006
19	Yoshida M, Yonetani A, Shirasaki T, Wada K	Dietary NaCl supplementation prevents muscle necrosis in a mouse model of Duchenne muscular dystrophy	Am. J. Physiol. Regul. Integr. Comp. Physiol.	290 (2)	R449-455	2006
20	Arimura N, Menager C, Kawano Y, Yoshimura T, Kawabata S, Hattori A, Fukata Y, Amano M, Goshima Y, Inagaki M, Morone N, Usukura J, Kaibuchi K	Phosphorylation by Rho kinase regulates CRMP-2 activity in growth cones	Mol Cell Biol	25 (22)	9973-9984	2005
21	Enomoto A, Murakami H, Asai N, Morone N, Watanabe T, Kawai K, Murakumo Y, Usukura J, Kaibuchi K, Takahashi M	Akt/PKB regulates actin organization and cell motility via Girdin/APE	Dev Cell	9 (3)	389-402	2005
22	Hachiya NS, Watanabe K, Kawabata MY, Jozuka A, Kozuka Y, Sakasegawa Y, Kaneko K	Prion protein with Y145STOP mutation induces mitochondria-mediated apoptosis and PrP-containing deposits in vitro	Biochem Biophys Res Commun	327 (3)	894-899	2005
23	Hachiya NS, Yamada M, Watanabe K, Jozuka A, Ohkubo T, Sano K, Takeuchi Y, Kozuka Y, Sakasegawa Y, Kaneko K	Mitochondrial localization of cellular prion protein (PrPC) invokes neuronal apoptosis in aged transgenic mice overexpressing PrPC	Neurosci Lett	374 (2)	98-103	2005
24	Kwon J, Mochida K, Wang YL, Sekiguchi S, Sankai T, Aoki S, Ogura A, Yoshikawa Y, Wada K	Ubiquitin C-terminal hydrolase L-1 is essential for the early apoptotic wave of germinal cells and for sperm quality control during spermatogenesis	Biol Reprod	73 (1)	29-35	2005
25	Manago Y, Kanahorim Y, Shimada A, Sato A, Amano T, Sato-Sano Y, Setsuie R, Sakurai M, Aoki S, Wang Y, Osaka H, Wada K, Noda M	Potentiation of ATP-induced currents due to the activation of P2X receptors by ubiquitin carboxy-terminal hydrolase L1	J Neurochem	92 (5)	1061-1072	2005
26	Mi W, Beirowski B, Gillingwater TH, Adalbert R, Wagner D, Grumme D, Osaka H, Conforti L, Arnhold S, Addicks K, Wada K, Ribchester RR, Coleman MP	The slow Wallerian degeneration gene, WldS, inhibits axonal spheroid pathology in gracile axonal dystrophy mice	Brain	128 (Pt 2)	405-416	2005
27	Ohira K, Kumanogoh H, Sahara Y, Homma KJ, Hirai H, Nakamura S, Hayashi M	A truncated tropomyosin-related kinase B receptor, T1, regulates glial cell morphology via Rho GDP dissociation inhibitor 1	J Neurosci	25 (6)	1343-1353	2005

28	Setsuie R, Kabuta T, Wada K	Does proteosome inhibition decrease or accelerate toxin-induced dopaminergic neurodegeneration?	J Pharmacol Sci	97 (3)	457-460	2005
29	Bonin M, Poths S, Osaka H, Wang YL, Wada K, Riess O	Microarray expression analysis of gad mice implicates involvement of Parkinson's disease associated UCH-L1 in multiple metabolic pathways	Mol Brain Res	126 (1)	88-97	2004
30	Castegna A, Thongboonkerd V, Klein J, Lynn BC, Wang YL, Osaka H, Wada K, Butterfield DA	Proteomic analysis of brain proteins in the gracile axonal dystrophy (gad) mouse, a syndrome that emanates from dysfunctional ubiquitin carboxyl-terminal hydrolase L-1, reveals oxidation of key proteins	J Neurochem	88 (6)	1540-1546	2004
31	Hachiya NS, Sakasegawa Y, Jozuka A, Tsukita S, Kaneko K	Interaction of D-lactate dehydrogenase protein 2 (Dld2p) with F-actin: implication for an alternative function of Dld2p	Biochem Biophys Res Commun	319 (1)	78-82	2004
32	Hachiya NS, Sakasegawa Y, Sasaki H, Jozuka A, Tsukita S, Kaneko K	Oligomeric Aip2p/Dld2p modifies the protein conformation of both properly folded and misfolded substrates in vitro	Biochem Biophys Res Commun	323 (1)	339-344	2004
33	Hachiya NS, Sakasegawa Y, Sasaki H, Jozuka A, Tsukita S, Kaneko K	Oligomeric Aip2p/Dld2p forms a novel grapple-like structure and has an ATP-dependent F-actin conformation modifying activity in vitro	Biochem Biophys Res Commun	320 (4)	1271-1276	2004
34	Hachiya NS, Watanabe K, Sakasegawa Y, Kaneko K	Microtubules-associated intracellular localization of the NH2-terminal cellular prion protein fragment	Biochem Biophys Res Commun	313 (3)	818-823	2004
35	Hachiya NS, Watanabe K, Yamada M, Sakasegawa Y, Kaneko K	Anterograde and retrograde intracellular trafficking of fluorescent cellular prion protein	Biochem Biophys Res Commun	315 (4)	802-807	2004
36	Hagino Y, Kariura Y, Manago Y, Amano T, Wang B, Sekiguchi M, Nishikawa K, Aoki S, Wada K, Noda M	Heterogeneity and potentiation of AMPA type of glutamate receptors in rat cultured microglia	Glia	47 (1)	68-77	2004
37	Harada T, Harada C, Wang YL, Osaka H, Amanai K, Tanaka K, Takizawa S, Setsuie R, Sakurai M, Sato Y, Noda M, Wada K	Role of ubiquitin carboxy terminal hydrolase-L1 in neural cell apoptosis induced by ischemic retinal injury in vivo	Am J Pathol	164 (1)	59-64	2004
38	Hoshino A, Fujioka K, Oku T, Nakamura S, Suga M, Yamaguchi Y, Suzuki K, Yasuhara M,	Quantum dots targeted to the assigned organelle in living cells	Microbiol Immunol	48 (12)	985-994	2004

	Yamamoto K					
39	Kishida H, Sakasegawa Y, Watanabe K, Yamakawa Y, Nishijima M, Kuroiwa Y, Hachiya NS, Kaneko K	Non-glycosylphosphatidylinositol (GPI)-anchored recombinant prion protein with dominant-negative mutation inhibits PrPSc replication in vitro	Amyloid	11 (1)	14-20	2004
40	Kwon J, Wang YL, Setsuie R, Sekiguchi S, Sakurai M, Sato Y, Lee WW, Ishii Y, Kyuwa S, Noda M, Wada K, Yoshikawa Y	Developmental regulation of ubiquitin C-terminal hydrolase isozyme expression during spermatogenesis in mice	Biol Reprod	71 (2)	515-521	2004
41	Kwon J, Wang YL, Setsuie R, Sekiguchi S, Sato Y, Sakurai M, Noda M, Aoki S, Yoshikawa Y, Wada K	Two closely related ubiquitin C-terminal hydrolase isozymes function as reciprocal modulators of germ cell apoptosis in cryptorchid testis	Am J Pathol	165 (4)	1367-1374	2004
42	Tremblay P, Ball HL, Kaneko K, Groth D, Hegde RS, Cohen FE, DeArmond SJ, Prusiner SB, Safar JG	Mutant PrPSc conformers induced by a synthetic peptide and several prion strains	J Virol	78 (4)	2088-2099	2004
43	Wang YL, Takeda A, Osaka H, Hara Y, Furuta A, Setsuie R, Sun YJ, Kwon J, Sato Y, Sakurai M, Noda M, Yoshikawa Y, Wada K	Accumulation of beta- and gamma-synucleins in the ubiquitin carboxyl-terminal hydrolase L1-deficient gad mouse	Brain Res	1019 (1-2)	1-9	2004
44	Itami C, Kimura F, Kohno T, Matsuoka M, Ichikawa M, Tsumoto T, Nakamura S	Brain-derived neurotrophic factor-dependent unmasking of "silent" synapses in the developing mouse barrel cortex	Proc Natl Acad Sci U S A	100 (22)	13069-13074	2003
45	Hachiya NS, Sakasegawa Y, Kaneko K	Therapeutic approaches in prion disease (Minireview)	J. Health Sci.	49	267-272	2003
46	Hoshino M, Nakamura S	Small GTPase Rin induces neurite outgrowth through Rac/Cdc42 and calmodulin in PC12 cells	J Cell Biol	163 (5)	1067-1076	2003
47	Kohara K, Kitamura A, Adachi N, Nishida M, Itami C, Nakamura S, Tsumoto T	Inhibitory but not excitatory cortical neurons require presynaptic brain-derived neurotrophic factor for dendritic development, as revealed by chimera cell culture	J Neurosci	23 (14)	6123-6131	2003
48	Korth C, Kaneko K, Groth D, Heye N, Telling G, Mastrianni J, Parchi P, Gambetti P, Will R, Ironside J, Heinrich C, Tremblay P, DeArmond SJ, Prusiner SB	Abbreviated incubation times for human prions in mice expressing a chimeric mouse-human prion protein transgene	Proc Natl Acad Sci U S A	100 (8)	4784-4789	2003

49	Michishita M, Nakamura S, Sakakibara I, Ono F, Fujimoto K, Kamiya K, Ishii Y, Hayashi K, Yoshikawa Y, Takahashi K	Spontaneous T-cell-rich B-cell lymphoma in a cynomolgus monkey (Macaca fascicularis)	Exp Anim	52 (4)	339-344	2003
50	Nishikawa K, Li H, Kawamura R, Osaka H, Wang YL, Hara Y, Hirokawa T, Manago Y, Amano T, Noda M, Aoki S, Wada K	Alterations of structure and hydrolase activity of parkinsonism-associated human ubiquitin carboxyl-terminal hydrolase L1 variants	Biochem Biophys Res Commun	304 (1)	176-183	2003
51	Ohkubo T, Sakasegawa Y, Asada T, Kinoshita T, Goto Y, Kimura H, Mizusawa H, Hachiya NS, Kaneko K	Absence of association between codon 129/219 polymorphisms of the prion protein gene and Alzheimer's disease in Japan (reply 555)	Ann Neurol	54 (4)	553-554	2003
52	Osaka H, Wang YL, Takada K, Takizawa S, Setsuie R, Li H, Sato Y, Nishikawa K, Sun YJ, Sakurai M, Harada T, Hara Y, Kimura I, Chiba S, Namikawa K, Kiyama H, Noda M, Aoki S, Wada K	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neuron	Hum Mol Genet	12 (16)	1945-1958	2003
53	Sekiguchi S, Yoshikawa Y, Tanaka S, Kwon J, Ishii Y, Kyuwa S, Wada K, Nakamura S, Takahashi K	Immunohistochemical analysis of protein gene product 9.5, a ubiquitin carboxyl-terminal hydrolase, during placental and embryonic development in the mouse	Exp Anim	52 (4)	365-369	2003
54	Sekijima M, Motono C, Yamasaki S, Kaneko K, Akiyama Y	Molecular dynamics simulation of dimeric and monomeric forms of human prion protein: insight into dynamics and properties	Biophys J	85 (2)	1176-1185	2003
55	Yamazaki K, Yamada E, Kanaji Y, Yanagisawa T, Kato Y, Sato K, Takano K, Sakasegawa Y, Kaneko K	Stimulation of cellular prion protein expression by TSH in human thyrocytes	Biochem Biophys Res Commun	305 (4)	1034-1039	2003
56	Yamada K, Santo-Yamada Y, Wada K	Stress-induced impairment of inhibitory avoidance learning in female neuromedin B receptor-deficient mice	Physiol Behav	78 (2)	303-309	2003
57	Furuta M, Ito T, Eguchi C, Tanaka T, Wakabayashi-Takai E, Kaneko K	Two-dimensional electrophoresis/phage panning (2D-PP): a novel technology for direct antibody selection on 2-D blots	J Biochem (Tokyo)	132 (2)	245-251	2002
58	Harada T, Harada C, Kohsaka S, Wada E, Yoshida K, Ohno S, Mamada H, Tanaka K, Parada LF, Wada K	Microglia-Muller glia cell interactions control neurotrophic factor production during light-induced retinal degeneration	J Neurosci	22 (21)	9228-9236	2002

59	Hoshino M, Nakamura S	The Ras-like small GTP-binding protein Rin is activated by growth factor stimulation	Biochem Biophys Res Commun	295 (3)	651-656	2002
60	Kanazawa H, Ohsawa K, Sasaki Y, Kohsaka S, Imai Y	Macrophage/microglia-specifi c protein Iba1 enhances membrane ruffling and Rac activation via phospholipase C-gamma -dependent pathway	J Biol Chem	277 (22)	20026-20 032	2002
61	Koizumi S, Saito Y, Nakazawa K, Nakajima K, Sawada JI, Kohsaka S, Illes P, Inoue K	Spatial and temporal aspects of Ca2+ signaling mediated by P2Y receptors in cultured rat hippocampal astrocytes	Life Sci	72 (4-5)	431-442	2002
62	Koshiba M, Kikuchi T, Yohda M, Nakamura S	Inversion of the anatomical lateralization of chick thalmofugal visual pathway by light experience	Neurosci. Lett.	318	113-116	2002
63	Koshiba M, Nakamura S, Deng C, Rogers LJ	Light-dependent development of asymmetry in the ispilateral and contralateral thalamofugal visual projections of the chick	Neurosci. Lett.	336	81-84	2002
64	Nakajima K, Tohyama Y, Kohsaka S, Kurihara T	Ceramide activates microglia to enhance the production/secretion of brain-derived neurotrophic factor (BDNF) without induction of deleterious factors in vitro	J Neurochem	80 (4)	697-705	2002
65	Ohsaki K, Osumi N, Nakamura S	Altered whisker patterns induced by ectopic expression of Shh are topographically represented by barrels	Dev Brain Res	137 (2)	159-170	2002
66	Perrier V, Kaneko K, Safar J, Vergara J, Tremblay P, DeArmond SJ, Cohen FE, Prusiner SB, Wallace AC	Dominant-negative inhibition of prion replication in transgenic mice	Proc Natl Acad Sci U S A	99 (20)	13079-13 084	2002
67	Tanaka T, Ito T, Furuta M, Eguchi C, Toda H, Wakabayashi-Takai E, Kaneko K	In situ phage screening. A method for identification of subnanogram tissue components in situ	J Biol Chem	277 (33)	30382-30 387	2002
68	Laws DD, Bitter HM, Liu K, Ball HL, Kaneko K, Wille H, Cohen FE, Prusiner SB, Pines A, Wemmer DE	Solid-state NMR studies of the secondary structure of a mutant prion protein fragment of 55 residues that induces neurodegeneration	Proc Natl Acad Sci U S A	98 (20)	11686-11 690	2001
69	Peretz D, Williamson RA, Kaneko K, Vergara J, Leclerc E, Schmitt-Ulms G, Mehlhorn IR, Legname G, Wormald MR, Rudd PM, Dwek RA, Burton DR, Prusiner SB	Antibodies inhibit prion propagation and clear cell cultures of prion infectivity	Nature	412 (6848)	739-743	2001

別紙４

研究成果の刊行に関する一覧表　（新たなイメージング技術の開発）

書籍

	著者名	タイトル	書籍全体編集者名	書籍名	出版社名	出版地	出版年	ページ
1	Miyawaki A, Nagai T, Mizuno H	Engineering Fluorescent Proteins	Rietdorf J	Adv Biochem Engin / Biotechnology, Microscopy Techniques	Springer-Verlag	Berlin Heidelberg	2005	1-15
2	永井健治，宮脇敦史	GFP を利用した蛍光バイオセンサーの作成法と生体機能の可視化		図・写真で観るタンパク質構造・機能解析実験実践ガイド，遺伝子医学Ｍｏｏｋ別冊/分子生物学実験シリーズ	メディカル ドゥ		2005	173-182
3	Miyawaki A, Nagai T, Mizuno H	Genetic Probes for Calcium Dynamics	Yuste R, et al.	Imaging Neurons-A Laboratory Manual	CSHL PRESS		2005	579-588

雑誌

	発表者氏名	論文タイトル	発表雑誌名	巻名	ページ	出版年
1	Kazuno AA, Munakata K, Nagai T, Shimozono S, Tanaka M, Yoneda M, Kato N, Miyawaki A, Kato T	Identification of mitochondrial DNA polymorphisms that alter mitochondrial matrix pH and intracellular calcium dynamics	PLoS Genet.	2 (8)	e128	2006
2	永井健治	今、蛍光タンパク質で何ができるか？（原著）	生化学	78	519－523	2006
3	永井健治	円順列 GFP 変異体を利用した機能プローブの作製法と２波長励起１波長取得レーザー共焦点イメージング（総説）	実験医学（別冊）染色体・バイオイメージング実験ハンドブック		210-215	2006
4	永井健治	生細胞内で働く分子を可視化する（総説）	Bionics	７月号	30-35	2006
5	永井健治	序：組織・個体レベルでの機能イメージングに向けて（総説）	細胞工学	25	1010-1013	2006
6	永井健治	電顕に期待するもの（総説）	細胞工学	25	1192-1193	2006
7	永井健治	HaloTag テクノロジーが拓くさまざまな蛍光イメージングの可能性（総説）	バイオテクノロジー	6	745-750	2006