

[V] 研究成果の刊行に関する一覧表

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雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Nagoshi K, Sadakane Y, Nakamura Y, Yamada M, Mizusawa H	Duration of prion diseases in Japan is longer than that in other countries.	J Epidemiol	21	255-262	2011
Noguchi-Shinohara M, Hamaguchi T, Nozaki I, Sakai K, Yamada M	Serum tau protein as a marker for the diagnosis of Creutzfeldt-Jakob disease.	J Neurol	259	1464-1468	2011
Nozaki I, Sakai K, Kitamoto T, Yamada M	Prion protein gene M232R mutation as a cause of genetic prion disease (Reply to the Letter to the Editor: Beck <i>et al.</i> Prion protein gene M232R variation is probably uncommon polymorphism rather than a cause of inherited prion disease.).	Brain	135	e210	2011
坂井健二, 山田正仁	プリオン病のサーベイランス	最新医学	66	1032-1038	2011
坂井健二, 山田正仁	プリオン病のサーベイランスと疫学	Neuroinfection	16	50-56	2011
野崎一朗, 山田正仁	認知症学（下）：致死性家族性不眠症	日本臨床	69	438-441	2011
山田正仁	ヒトのプリオン病の実態：獲得性プリオン病を中心に	医学のあゆみ	236	868-876	2011
Hachiya N, Komata Y, Harguem S, Nishijima K, Kaneko K	Possible involvement of calpain-like activity in normal processing of cellular prion protein.	Neurosci Lett	490	150-155	2011
Shirakawa T, Nakano K, Hachiya N, Kato N, Kaneko K	The involvement of P2X <sub>1</sub> receptor in pyramidal cell degeneration in the rat hippocampus after trimethyltin administration.	Neurosci Res	71	396-404	2011
八谷如美, 金子清俊	プリオン感染のリスクファクターとしての慢性炎症	実験医学	29	174-179	2011
八谷如美, 金子清俊	認知症学（上）：プリオンタンパク質	日本臨床	69	119-123	2011
八谷如美, 金子清俊	認知症学（下）：プリオン病の疫学と概論	日本臨床	69	405-410	2011
八谷如美, 金子清俊	認知症学（下）：変異型 Creutzfeldt-Jakob 病	日本臨床	69	419-422	2011

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Sakudo A, Ano Y, Onodera T, Nitta K, Shintani H, Ikuta K, Tanaka Y	Fundamentals of prions and their inactivation.	Int J Mol Med	27	483-489	2011
Sakudo A, Onodera T	Tissue- and cell type-specific modification of prion protein (PrP)-like protein Doppel, which affects PrP endoproteolysis.	Biochem Biophys Res Commun	404	523-527	2011
作道章一, 田中康春	プリオン蛋白質(PrP)と PrP ファミリー蛋白質	防菌防黴	39	77-81	2011
Uraki R, Sakudo A, Michibata K, Ano Y, Kono J, Yukawa M, Onodera T	Blocking of FcR suppresses the intestinal invasion of scrapie agents.	PLos One	6	e17928	2011
Uraki R, Sakudo A, Ano Y, Kono J, Yukawa M, Zanusso G, Toniolo A, Onodera T	Penetration of infectious prion protein in the intestine during the lactation period.	Mini-Rev Org Chem	9	27-30	2012
Ishibashi D, Yamanaka H, Mori T, Yamaguchi N, Yamaguchi Y, Nishida N, Sakaguchi S	Antigenic mimicry-mediated anti-prion effects induced by bacterial enzyme succinylarginine dihydrolase in mice.	Vaccine	29	9321-9328	2011
Fujita K, Yamaguchi Y, Mori T, Muramatsu N, Miyamoto T, Yano M, Miyata H, Ootsuyama A, Sawada M, Matsuda H, Kaji R, Sakaguchi S	Effects of a brain-engraftable microglial cell line expressing anti-prion scFv antibodies on survival times of mice infected with scrapie prions.	Cell Mol Neurobiol	31	999-1008	2011
Yokoyama T, Takeuchi A, Yamamoto M, Kitamoto T, Ironside JW, Morita M	Heparin enhances the cell-protein misfolding cyclic amplification efficiency of variant Creutzfeldt-Jakob disease.	Neurosci Lett	498	119-123	2011
Takeuchi A, Komiya M, Kitamoto T, Morita M	Deduction of the evaluation limit and termination timing of multi-round protein misfolding cyclic amplification from a titration curve.	Microbiol Immunol	7	502-509	2011

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Shu Y, Masujin K, Okada H, Iwamaru Y, Imamura M, Matsuura Y, Mohri S, Yokoyama T	Characterization of Syrian hamster adapted prions derived from L-type and C-type bovine spongiform encephalopathies.	Prion	5	103-108	2011
Yamaguchi K, Matsumoto T, Kuwata K	Proper calibration of ultrasonic power enabled the quantitative analysis of the ultrasonication-induced amyloid formation process.	Protein Sci	21	38-49	2012
Hosokawa-Muto J, Kimura T, Kuwata K	Respiratory and cardiovascular toxicity studies of a novel anti-prion compound, GN8, in rats and dogs.	Drug Chem Toxicol	35	264-271	2012
Kimura T, Hosokawa-Muto J, Asami K, Murai T, Kuwata K	Synthesis of 9-substituted 2,3,4,9-tetrahydro-1H-carbazole derivatives and evaluation of their anti-prion activity in TSE-infected cells.	Eur J Med Chem	46	5675-5679	2011
Sanghera N, Correia BE, Correia JR, Ludwig C, Agarwal S, Nakamura HK, Kuwata K, Samain E, Gill AC, Bonev BB, Pinheiro TJ	Deciphering the molecular details for the binding of the prion protein to main ganglioside GM1 of neuronal membranes.	Chem Biol	18	1422-1431	2011
石川岳志, 石倉孝一, 桑田一夫	フラグメント分子軌道法プログラム「PAICS」と統合創薬プログラム「NAGARA」	Mol Sci	5	NP0015	2011
桑田一夫	量子ロボット	生物物理	51	205	2011
Atarashi R, Sano K, Satoh K, Nishida N	Real-time quaking-induced conversion: A highly sensitive assay for prion detection.	Prion	5	150-153	2011
Matsui Y, Satoh K, Miyazaki T, Shirabe S, Atarashi R, Mutsukura K, Sato A, Kataoka Y, Nishida N	High sensitivity of an ELISA kit for detection of the gamma-isoform of 14-3-3 proteins: usefulness in laboratory diagnosis of human prion disease.	BMC Neurol	11	120	2011

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Takakura I, Miyazawa K, Kanaya T, Itani W, Watanabe K, Ohwada S, Watanabe H, Hondo T, Rose MT, Mori T, Sakaguchi S, Nishida N, Katamine S, Yamaguchi T, Aso H	Orally administered prion protein is incorporated by m cells and spreads into lymphoid tissues with macrophages in prion protein knockout mice.	Am J Pathol	179	1301-1309	2011
Hasebe R, Raymond GJ, Horiuchi M, Caughey B	Reaction of complement factors varies with prion strains in vitro and in vivo.	Virology	423	205-213	2012
Yamasaki T, Suzuki A, Shimizu T, Watarai M, Hasebe R, Horiuchi M	Characterization of intracellular localization of PrP <sup>Sc</sup> in prion-infected cells using monoclonal antibody that recognizes the region consisting of amino acids 119-127 of mouse PrP.	J Gen Virol	93	668-680	2012
Unno M, Shinohara M, Takayama K, Tanaka H, Teruya K, Doh-ura K, Sakai R, Sasaki M, Ikeda-Saito M	Binding and selectivity of the marine toxin neodysiherbaine A and its synthetic analogues to GluK1 and GluK2 kainate receptors.	J Mol Biol	413	667-683	2011
Nguyen T, Sakasegawa Y, Doh-ura K, Go ML	Anti-prion activities and drug-like potential of functionalized quinacrine analogs with basic phenyl residues at the 9-amino position.	Eur J Med Chem	46	2917-2929	2011
Iwasaki Y, Mimuro M, Yoshida M, Kitamoto T, Hashizume Y	Survival to akinetic mutism state in Japanese cases of MM1-type sporadic Creutzfeldt-Jakob disease is similar to Caucasians.	Eur J Neurol	18	999-1002	2011
Iwasaki Y, Mori K, Ito M, Nagaoka M, Ieda T, Kitamoto T, Yoshida M, Hashizume Y	An autopsied case of V180I Creutzfeldt-Jakob disease presenting with panencephalopathic-type pathology and a characteristic prion protein type.	Neuropathology	31	540-548	2011
Kobayashi A, Mizukoshi K, Iwasaki Y, Miyata H, Yoshida Y, Kitamoto T	Co-occurrence of types 1 and 2 PrPres in sCJD-MM1.	Am J Pathol	178	1309-1315	2011

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Saito Y, Iwasaki Y, Aiba I, Kitamoto T, Yoshida M, Hashizume Y	An autopsy case of MM2-cortical + thalamic-type sporadic Creutzfeldt-Jakob disease.	Neuropathology	31	523-530	2011
岩崎 靖, 森 恵子, 伊藤益美, 吉田真理	無動性無言で長期間安定した状態を呈した孤発性 Creutzfeldt-Jakob 病の 1 剖検例	神経内科	74	410-415	2011
高尾昌樹	ラクナ梗塞の病理と発症機序	神経内科	74	217-226	2011
初田裕幸, 高尾昌樹	Amyloid $\beta$ -protein 解説編	病理と臨床	29	81-83	2011
初田裕幸, 高尾昌樹	Amyloid $\beta$ -protein 診断編	病理と臨床	29	84-91	2011
高尾昌樹	肝性脳症とアストロサイト	Clin Neurosci	29	1298-1299	2011
高尾昌樹	クロイツフェルト・ヤコブ病	臨床精神医学	24	24-28	2012
坪井義夫	プリオン病に対する治療法の開発	最新医学	66	1025-1031	2011
Rosen RF, Fritz JJ, Dooyema J, Cintron AF, Hamaguchi T, Lah JJ, Levine H <sup>3rd</sup> , Jucker M, Walker LC	Exogenous seeding of cerebral $\beta$ -amyloid deposition in $\beta$ APP-transgenic rats.	J Neurochem	120	660-666	2012
Hamaguchi T, Eisele YS, Varvel NH, Lamb BT, Walker LC, Jucker M	The presence of A $\beta$ seeds, and not age per se, is critical to the initiation of A $\beta$ deposition in the brain.	Acta Neuropathol	123	31-37	2012
細矢光亮	亜急性硬化性全脳炎に対する治療の動向	最新医学	66	86-90	2011
細矢光亮	亜急性硬化性全脳炎 (SSPE) に対する新たな治療法の開発を目指して	Neuroinfection	16	1-8	2011
Hirano R, Hasegawa S, Hashimoto K, Haneda Y, Ohsaki A, Ichiyama T	Human thymic stromal lymphopoietin enhances expression of CD80 in human CD14+ monocytes/macrophages.	Inflamm Res	60	605-610	2011
Hasegawa S, Matsushige T, Inoue H, Shirabe K, Fukano R, Ichiyama T	Serum and cerebrospinal fluid cytokine profile of patients with 2009 pandemic H1N1 influenza virus-associated encephalopathy.	Cytokine	54	167-172	2011

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Haneda Y, Hasegawa S, Hirano R, Hashimoto K, Ohsaki A, Ichiyama T	Leukotriene D <sub>4</sub> enhances tumor necrosis factor- $\alpha$ -induced vascular endothelial growth factor production in human monocytes/macrophages.	Cytokine	55	24-28	2011
Hasegawa S, Ichiyama T, Sonaka I, Ohsaki A, Hirano R, Haneda Y, Fukano R, Hara M, Furukawa S	Amino acids exhibit anti-inflammatory effects in human monocytic leukemia cell line, THP-1 cells.	Inflamm Res	60	1013-1019	2011
Hasegawa S, Hirano R, Okamoto-Nakagawa R, Ichiyama T, Shirabe K	Enterovirus 68 infection in children with asthma attacks: virus-induced asthma in Japanese children.	Allergy	68	1618-1620	2011
Hasegawa S, Mori N, Satomi M, Jiang DP, Hotta H, Matsushige T, Ichiyama T	Interferon production by cells infected with subacute sclerosing panencephalitis (SSPE) virus or measles virus.	Cytokine	56	676-679	2011
Hasegawa S, Ichiyama T, Sonaka I, Ohsaki A, Okada S, Wakiguchi H, Kudo K, Kittaka S, Hara M, Furukawa S	Cysteine, histidine and glycine exhibit anti-inflammatory effects in human coronary arterial endothelial cells.	Clin Exp Immunol	167	269-274	2012
Tanaka N, Emoto T, Suda H, Kunihiro Y, Matsunaga N, Hasegawa S, Ichiyama T	High-resolution computed tomography findings of influenza virus pneumonia: a comparative study between seasonal and novel (H1N1) influenza virus pneumonia.	Jpn J Radiol	30	154-161	2012
Arakawa M, Okamoto-Nakagawa R, Toda S, Tsukagoshi H, Kobayashi M, Ryo A, Mizuta K, Hasegawa S, Hirano R, Wakiguchi H, Kudo K, Tanaka R, Morita Y, Noda M, Kozawa K, Ichiyama T, Shirabe K, Kimura H	Molecular epidemiological study of human rhinovirus species ABCs from patients with acute respiratory illnesses in Japan.	J Med Microbiol	6	410-419	2012
Inoue H, Orita T, Matsushige T, Hasegawa S, Ichiyama T	Klinefelter's syndrome complicated with West syndrome in a 4-month-old boy.	Brain Dev	34	148-150	2012

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Seki F, Yamada K, Nakatsu Y, Okamura K, Yanagi Y, Nakayama T, Komase K, Takeda M	The SI strain of measles virus derived from an SSPE patient possesses typical genome alterations and unique amino acid changes that modulate receptor specificity and reduce membrane fusion activity.	J Virol	85	11871-11882	2011
Takahashi K, Oka A, Mizuguchi M, Saitoh M, Takita J, Sato A, Mimaki M, Kato M, Ogawa S, Igarashi T	Interstitial deletion of 13q14.13-q32.3 presenting with Arima syndrome and bilateral retinoblastoma.	Brain Dev	33	353-356	2011
Koyano S, Inoue N, Oka A, Moriuchi H, Asano K, Ito Y, Yamada H, Yoshikawa T, Suzutani T, Japanese Congenital Cytomegalovirus Study Group	Screening for congenital cytomegalovirus infection using newborn urine samples collected on filter paper: feasibility and outcomes from a multicentre study.	BMJ Open	1	e00011	2011
水澤英洋, 岸田修二, 西條政幸, 雪竹基弘, 宍戸-原由紀子, 澤 洋文, 長嶋和郎, 奴久妻聡一, 山田正仁	<シンポジウム 20—4>難治性神経感染症 update 進行性多巣性白質脳症	臨床神経学	51	1051-1057	2011
Nakamichi K, Kurane I, Saijo M	Evaluation of a quantitative real-time PCR assay for the detection of JC polyomavirus DNA in cerebrospinal fluid without nucleic acid extraction.	Jpn J Infect Dis	64	211-216	2011
岸田修二	進行性多巣性白質脳症	最新医学	66	1695-1703	2011
Shishido-Hara Y, Ichinose Y, Uchihara T	JC virus intranuclear inclusions associated with PML nuclear bodies: Analysis by electron microscopy and structured illumination microscopy.	Am J Pathol	180	1095-1106	2012
Nukuzuma S, Kameoka M, Sugiura S, Nakamichi K, Nukuzuma C, Miyoshi I, Takegami T	Exogenous human immunodeficiency virus-1 protein, Tat, enhances replication of JC virus efficiently in neuroblastoma cell lines.	J Med Virol	84	555-561	2012



研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Alcalde-Cabero E, Almazán-Isla J, Brandel JP, Breithaupt M, Catarino J, Collins S, Haybäck J, Höftberger R, Kahana E, Kovacs GG, Ladogana A, Mitrova E, Molesworth A, Nakamura Y, Pocchiari M, Popovic M, Ruiz-Tovar M, Taratuto AL, van Duijn C, Yamada M, Will RG, Zerr I, de Pedro-Cuesta J	Health professions and risk of sporadic Creutzfeldt-Jakob disease, 1965 to 2010.	Euro Surveill	17	pii:20144	2012
Fujita K, Harada M, Sasaki M, Yuasa T, Sakai K, Hamaguchi T, Sanjo N, Shiga Y, Satoh K, Atarashi R, Shirabe S, Nagata K, Maeda T, Murayama S, Izumi Y, Kaji R, Yamada M, Mizusawa H	Multicentre, multiobserver study of diffusion-weighted and fluid-attenuated inversion recovery MRI for the diagnosis of sporadic Creutzfeldt-Jakob disease: a reliability and agreement study.	BMJ Open	2	e000649	2012
浜口 毅, 山田正仁	$\beta$ アミロイドの proagation による進展	Current Therapy	30	336-340	2012
浜口 毅, 山田正仁	周期性ミオクローヌス : Creutzfeldt-Jakob disease (CJD) 概論	Clin Neurosci	30	760-763	2012
浜口 毅, 山田正仁	臨床化学的側面からみたプリオン病の診断と病態解析	臨床化学	41	35-40	2012
Hamaguchi T, Eisele YS, Varvel NH, Lamb BT, Walker LC, Jucker M.	The presence of A $\beta$ seeds, and not age <i>per se</i> , is critical to the initiation of A $\beta$ deposition in the brain.	Acta Neuropathol	123	31-37	2012
Yoshikawa Y, Horiuchi M, Ishigura N, Kadohira M, Kai S, Mizusawa H, Nagata C, Onodera T, Sata T, Tsutsui T, Yamada M, Yamamoto S	Alternative BSE risk assessment methodology for beef and beef offal imported into Japan.	J Vet Med Sci	74	959-968	2012
Hori T, Sanjo N, Tomita M, Mizusawa H	Visual reproduction on the wechsler memory scale-revised as a predictor of Alzheimer's disease in Japanese patients with mild cognitive impairments.	Dement Geriatr Cogn Disord	35	15-176	2013

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Nishijima K, O'hara K, Kaneko K, Hachiya N	Calmodulin-like skin protein (CLSP) is a novel biomarker candidate for Pick's disease by unfoldin-modified proteomic analysis.	J Neurol Neurophysiol		S11-003 electric version	2012
Ano Y, Sakudo A, Onodera T	Role of microglia in oxidative toxicity associated with encephalomyocarditis virus infection in the central nervous system.	Int J Mol Sci	13	7365-7374	2012
Xue G, Aida Y, Onodera T, Sakudo A	The 5' flanking region and intron1 of the bovine prion protein gene (PRNP) are responsible for negative feedback regulation of the prion protein.	PLoS One	7	e32870	2012
Sakudo A	Bioorganic chemistry for medicine and health sciences.	Mini-Rev Org Chem	9	2	2012
Uraki R, Sakudo A, Ano Y, Kono J, Yukawa M, Zanusso G, Toniolo A, Onodera T	Penetration of infectious prion protein in the intestine during the lactation period.	Mini-Rev Org Chem	9	27-30	2012
小野寺節, 作道章一	遅発性感染症に関する研究とフランス国立ヒト遺伝研究所訪問	日仏生物学会誌 (Bulletin de la Societe Franco-Japonaise de Biologie)	52	73-80	2012
Yamaguchi Y, Miyata H, Uchiyama K, Ootsuyama A, Inubushi S, Mori T, Muramatsu N, Katamine S, Sakaguchi S	Biological and biochemical characterization of mice expressing prion protein devoid of the octapeptide repeat region after infection with prions.	PLoS One	7	e43540	2012
Kubota T, Hamazoe Y, Hashiguchi S, Ishibashi D, Akasaka K, Nishida N, Katamine S, Sakaguchi S, Kuroki R, Nakashima T, Sugimura K	Direct evidence of generation and accumulation of $\beta$ -sheet-rich prion protein in scrapie-infected neuroblastoma cells with human IgG1 antibody specific for $\beta$ -form prion protein.	J Biol Chem	287	14023-14039	2012
Matsuura Y, Ishikawa Y, Bo X, Murayama Y, Yokoyama T, Somerville RA, Kitamoto T, Mohri S	Quantitative analysis of wet-heat inactivation in bovine spongiform encephalopathy.	Biochem Biophys Res Commun	432	86-91	2013

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雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Matsuura Y, Ishikawa Y, Somerville RA, Hagiwara K, Yamakawa Y, Sata T, Yokoyama T, Kitamoto T, Mohri S	A rapid bioassay for classical and L-type bovine spongiform encephalopathies.	Open J Vet Med	3	79-85	2013
Hasegawa K, Mohri S, Yokoyama T	Comparison of the local structural stabilities of mammalian prion protein (PrP) by fragment molecular orbital calculations.	Prion	7	1-7	2013
Okada H, Murayama Y, Shimozaki N, Yoshioka M, Masujin K, Imamura M, Iwamaru Y, Matsuura Y, Miyazawa K, Fukuda S, Yokoyama T, Mohri S	Prion in saliva of bovine spongiform encephalopathy-infected cattle.	Emerg Infect Dis	18	2091-2092	2012
Dorj G, Okada H, Miyazawa K, Masujin K, Kimura K, Mohri S, Yokoyama T	Retrospective analysis of sheep scrapie by western blotting with formalin-fixed paraffin-embedded (FFPE) tissues.	J Vet Med Sci	74	1207-1210	2012
Kim HJ, Tark DS, Lee YH, Kim MJ, Lee WY, Cho IS, Sohn HJ, Yokoyama T	Establishment of a cell line persistently infected with chronic wasting disease prions.	J Vet Med Sci	74	1377-1380	2012
Tang Y, Gielbert A, Jacobs JG, Baron T, Andreoletti O, Yokoyama T, Langeveld JP, Sauer MJ	All major prion types recognised by a multiplex immunofluorometric assay for disease screening and confirmation in sheep.	J Immunol Methods	380	30-39	2012
Kasai K, Hirata A, Ohyama T, Nokihara K, Yokoyama T, Mohri S	Novel assay with fluorescence-labelled PrP peptides for differentiating L-type atypical and classical BSEs, and scrapie.	FEBS Lett	586	25-29	2012
Masujin K, Miwa R, Okada H, Mohri S, Yokoyama T	Comparative analysis of Japanese and foreign L-type BSE prions.	Prion	6	89-93	2012
横山 隆, 辻 智香, 横山真弓	ニホンジカのプリオン病 (CWD) サーベイランス	JVM	65	479-481	2012

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雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Honda H, Sasaki K, Minaki H, Masui K, Suzuki SO, Doh-ura K, Iwaki T	Protease-resistant PrP and PrP oligomers in the brain in human prion diseases after intraventricular pentosan polysulfate infusion.	Neuropathology	32	124-132	2012
Suzuki G, Shimazu N, Tanaka M	A yeast prion, Mod5, promotes acquired drug resistance and cell survival under environmental stress.	Science	336	355-359	2012
Suzuki G, Tanaka M	Active prion conversion as a molecular switch for cellular adaptation to environmental stress.	Bioessays	35	12-16	2013
Mashima T, Nishikawa F, Kamatari Y, Fujiwara H, Saimura M, Nagata T, Kodaki T, Nishiwaka S, Kuwata K, Katahira M	Anti-prion activity of an RNA aptamer and its structural basis.	Nucleic Acids Res	41	1355-1362	2013
Okamoto T, Ishikawa T, Koyano Y, Yamamoto N, Kuwata K, Nagaoka M.	A minimal implementation of the AMBER-PAICS interface for Ab initio FMO-QM/MM-MD simulation.	Bull Chem Soc Jpn	86	210-222	2013
Kamatari Y, Hayano Y, Yamaguchi K, Hosokawa-Muto J, Kuwata K	Characterizing antiprion compounds based on their binding properties to prion proteins: Implications as medical chaperones.	Protein Sci	22	22-34	2013
Ishikawa T, Kuwata K	RI-MP2 gradient calculation of large molecules using the fragment molecular orbital method.	J Phys Chem Lett	3	375-379	2012
桑田一夫	量子創薬—論理的形態制御学の原理— (Non-commutative Geometrical Drug Discovery —The Principle of Geometrical Regulation—)	Yakugaku Zasshi	132	873-879	2012
Ishizaka S, Horie N, Satoh K, Fukuda Y, Nishida N, Nagata I	Intra-arterial cell transplantation provides timing-dependent cell distribution and functional recovery after stroke.	Stroke	44	720-726	2013
Ishibashi D, Atarashi R, Nishida N	Protective role of MyD88-independent innate immune responses against prion infection.	Prion	6	443-446	2012

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発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Sano K, Satoh K, Atarashi R, Takashima H, Iwasaki Y, Yoshida M, Sanjo N, Murai H, Mizuswawa H, Schmitz M, Zerr I, Kim Y, Nishida N	Early detection of abnormal prion protein in genetic human prion diseases now possible using real-time QUIC Assay.	PLoS One	8	e54915	2013
Nakato G, Hase K, Suzuki M, Kimura M, Ato M, Hanazato M, Tobiume M, Horiuchi M, Atarashi R, Nishida N, Watarai M, Imaoka K, Ohno H	Cutting Edge: Brucella abortus exploits a cellular prion protein on intestinal M cells as an invasive receptor.	J Immunol	189	1540-1544	2012
Ishibashi D, Atarashi R, Fuse T, Nakagaki T, Yamaguchi N, Satoh K, Honda K, Nishida N	Protective role of interferon regulatory factor 3-mediated signaling against prion infection.	J Virol	86	4947-4955	2012
佐藤克也, 新竜一郎, 西田教行	プリオン病における脳脊髄液の QUIC 診断	Clin Neurosci	30	1202-1204	2012
新竜一郎, 西田教行	プリオン病診断法の開発	最新医学	67	32-36	2012
Iwasaki Y	Three cases of Creutzfeldt-Jakob disease with prion protein gene codon180 mutation presenting with pathological laughing and crying.	J Neurol Sci	319	47-50	2012
岩崎 靖, 森 恵子, 伊藤益美	無動性無言状態にいたったプリオン病患者の臨床経過と治療に関する検討	臨床神経	52	314-319	2012
岩崎 靖	孤発性 Creutzfeldt-Jakob 病	病理と臨床	30	315-319	2012
岩崎 靖	クロイツフェルト・ヤコブ病	Journal of Integrated Medicine	22	389-390	2012
Funabe S, Takao M, Saito Y, Hatsuta H, Sugiyama M, Ito S, Kanemaru K, Sawabe M, Arai T, Mochizuki H, Hattori N, Murayama S	Neuropathologic analysis of Lewy-related $\alpha$ -synucleinopathy in olfactory mucosa.	Neruopathology	33	47-58	2013

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Mochizuki Y, Isozaki E, Takao M, Hashimoto T, Shibuya M, Arai M, Hosokawa M, Kawata A, Oyanagi K, Mihara B, Mizutani T	Familial ALS with FUS P525L mutation: two Japanese sisters with multiple systems involvement.	J Neurol Sci	323	85-92	2012
高尾昌樹	軽度認知障害の神経病理学	臨床神経	52	851-854	2012
高尾昌樹, 村山繁雄, 美原 盤, 吉田洋二	バイオバンク構築における病理の役割. ブレインバンクの現状, 高齢者ブレインバンク, 美原記念病院ブレインバンクの経験から	病理と臨床	30	635-645	2012
高尾昌樹	精神疾患における神経病理学的検索の重要性	臨床精神医学	41	897-905	2012
坪井義夫, 堂浦克美	プリオン病に対する治療法の開発	臨床神経学	52	1375	2012
Hara H, Okemoto-Nakamura Y, Shinkai-Ouchi F, Hanada K, Yamakawa Y, Hagiwara K	Mouse prion protein (PrP) segment 100 to 104 regulates conversion of PrP <sup>C</sup> to PrP <sup>Sc</sup> in prion-infected neuroblastoma cells.	J Virol	86	5626-5636	2012
中村優子, 萩原健一	BSE 問題におけるリスク管理とその変遷	ファルマシア	49	48-51	2013
Abe Y, Hashimoto K, Iinuma K, Ohtsuka Y, Ichiyama T, Kusuhara K, Nomura K, Mizuguchi M, Aiba H, Suzuki Y, Mizusawa H, Hosoya M	Survey of subacute sclerosing panencephalitis in Japan.	J Child Neurol	27	1529-33	2012
Watanabe M, Suyama K, Hashimoto K, Sato M, Ohara S, Abe Y, Kawasaki Y, Yamaguchi S, Saijo M, Hosoya M	Mumps virus-associated acute encephalopathy: case report and review of the literature.	J Child Neurol	28	243-245	2013
Yüksel D, Ichiyama T, Yilmaz D, Anlar B	Cerebrospinal fluid apolipoprotein E levels in subacute sclerosing panencephalitis.	Brain Dev	34	298-301	2012

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Abe Y, Hashimoto K, Iinuma K, Ohtsuka Y, Ichiyama T, Kusuhara K, Nomura K, Mizuguchi M, Aiba H, Suzuki Y, Mizusawa H, Hosoya M	Survey of subacute sclerosing panencephalitis in Japan.	J Child Neurol	27	1529-1533	2012
楠原浩一	神経感染症における宿主側遺伝的要因	Neuroinfection	17	11-19	2012
Watanabe S, Shirogane Y, Suzuki SO, Ikegame S, Koga R, Yanagi Y	Mutant fusion proteins with enhanced fusion activity promote measles virus spread in both human neuronal cells and brains of suckling hamsters.	J Virol	87	2648-2659	2013
Shirogane Y, Watanabe S, Yanagi Y	Cooperation between different RNA virus genomes produces a new phenotype.	Nat Commun	3	1235	2012
Hoshino A, Saitoh M, Oka A, Okumura A, Kubota M, Saito Y, Takanashi JI, Hirose S, Yamagata T, Yamanouchi H, Mizuguchi M	Epidemiology of acute encephalopathy in Japan, with emphasis on the association of viruses and syndromes.	Brain Dev	34	337-343	2012
Fukumura S, Saito Y, Saito T, Komaki H, Nakagawa E, Sugai K, Sasaki M, Oka A, Takamisawa I	Progressive conduction defects and cardiac death in late infantile neuronal ceroid lipofuscinosis.	Dev Med Child Neurol	54	663-666	2012
Dang X, Wüthrich C, Gordon J, Sawa H, Korolnik IJ	JC virus encephalopathy is associated with a novel agnoprotein-deletion JCV variant.	PLoS One	7	e35793	2012
Suzuki T, Semba S, Sunden Y, Orba Y, Kobayashi S, Nagashima K, Kimura T, Hasegawa H, Sawa H	Role of JC virus agnoprotein in virion formation.	Microbiol Immunol	56	636-646	2012
Nakamichi K, Mizusawa H, Yamada M, Kishida S, Miura Y, Shimokawa T, Takasaki T, Lim CK, Kurane I, Saijo M	Characteristics of progressive multifocal leukoencephalopathy clarified through internet- assisted laboratory surveillance in Japan.	BMC Neurol	12	121	2012

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Kobayashi Z, Akaza M, Numasawa Y, Ishihara S, Tomimitsu H, Nakamichi K, Saijo M, Morio T, Sanjo N, Shintani S, Mizusawa H	Failure of mefloquine therapy in progressive multifocal leukoencephalopathy: report of two Japanese patients without human immunodeficiency virus infection.	J Neurol Sci	24	190-194	2013
Nakamichi K, Kishida S, Tanaka K, Suganuma A, Sano Y, Sano H, Kanda T, Maeda N, Kira JI, Itoh A, Kato N, Tomimoto H, Kurane I, Lim CK, Mizusawa H, Saijo M	Sequential changes in the non-coding control region sequences of JC polyomaviruses from the cerebrospinal fluid of patients with progressive multifocal leukoencephalopathy.	Arch Virol	158	639-650	2013
三浦義治、水澤英洋	進行性多巣性白質脳症	神経内科	77	295-299	2012
Beppu M, Kawamoto M, Nukuzuma S, Kohara N	Mefloquine improved progressive multifocal leukoencephalopathy in a patient with systemic lupus erythematosus.	Intern Med	51	1245-1247	2012
Nukuzuma S, Kameoka M, Sugiura S, Nakamichi K, Nukuzuma C, Takegami T	Suppressive effect of PARP-1 inhibitor on JC virus replication in vitro.	J Med Virol	85	132-137	2012
Kobayashi A, Iwasaki Y, Otsuka H, Yamada M, Yoshida M, Matsuura Y, Mohri S, Kitamoto T	Deciphering the pathogenesis of sporadic Creutzfeldt-Jakob disease with codon 129 M/V and type 2 abnormal prion protein.	Acta Neuropathol Commun	1	74	2013
Sakai K, Hamaguchi T, Noguchi-Shinohara M, Nozaki I, Takumi I, Sanjo N, Nakamura Y, Kitamoto T, Saito N, Mizusawa H, Yamada M	Graft-related disease progression in dura mater graft-associated Creutzfeldt-Jakob disease: a cross-sectional study.	BMJ Open	3	e003400	2013
Hamaguchi T, Sakai K, Noguchi-Shinohara M, Nozaki I, Takumi I, Sanjo N, Sadakane A, Nakamura Y, Kitamoto T, Saito N, Mizusawa H, Yamada M	Insight into the frequent occurrence of dura mater graft-associated Creutzfeldt-Jakob disease in Japan.	J Neurol Neurosurg Psychiatry	84	1171-1175	2013



研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
浜口 毅, 山田正仁	特発性プリオン病（孤発性クロイツフェルト・ヤコブ病） MM2 視床型と皮質型.	日本臨床別冊 新領域別症候 群シリーズ	26	671-676	2013
浜口 毅, 山田正仁	感染性（獲得性）プリオン病 硬膜移植 後 Creutzfeldt-Jakob 病	日本臨床別冊 新領域別症候 群シリーズ	26	703-706	2013
山田正仁	プリオン病	日本医師会雑 誌特別号(2)	142	S173-S174	2013
野崎一朗, 浜口 毅, 山田正仁	古典型孤発性 Creutzfeldt-Jakob 病	Clin Neurosci	31	1048-1051	2013
浜口 毅, 山田正仁	硬膜移植後 Creutzfeldt-Jakob 病	Clin Neurosci	31	1071-1073	2013
野崎一朗, 浜口 毅, 山田正仁	プリオン病：概論	日本臨床別冊 新領域別症候 群シリーズ	24	777-782	2013
浜口 毅, 山田正仁	医原性 Creutzfeldt-Jakob 病	日本臨床別冊 新領域別症候 群シリーズ	24	807-811	2013
Higuma M, Sanjo N, Satoh K, Shiga Y, Sakai K, Nozaki I, Hamaguchi T, Nakamura Y, Kitamoto T, Shirabe S, Murayama S, Yamada M, Tateishi J, Mizusawa H	Relationships between clinicopathological features and cerebrospinal fluid biomarkers in Japanese patients with genetic prion diseases.	PLoS One	8	e60003	2013
Sano K, Satoh K, Atarashi R, Takashima H, Iwasaki Y, Yoshida M, Sanjo N, Murai H, Mizusawa H, Schmitz M, Zerr I, Kim YS, Nishida N	Early detection of abnormal prion protein in genetic human prion diseases now possible using real-time QUIC Assay.	PLoS One	8	e54915	2013
Kobayashi Z, Akaza M, Numasawa Y, Ishihara S, Tomimitsu H, Nakamichi K, Saijo M, Morio T, Shimizu N, Sanjo N, Shintani S, Mizusawa H	Failure of mefloquine therapy in progressive multifocal leukoencephalopathy: report of two Japanese patients without human immunodeficiency virus infection.	J Neurol Sci	324	190-194	2013

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
三條伸夫, 日熊麻耶, 北本哲之, 佐藤克也, 新竜一郎, 西田教行, 山田正仁, 水澤英洋	プリオン病の最近の進歩 遺伝性プリオン病における病型と髄液所見	Neuroinfection	18	35-40	2013
工藤俊介, 水澤英洋	孤発性クロイツフェルト・ヤコブ (Creutzfeldt-Jakob) 病	日本臨床別冊 新領域別症候 群シリーズ	24	783-787	2013
沼沢祥行, 水澤英洋	プリオン病特発性プリオン病 (孤発性クロイツフェルト・ヤコブ病) 古典型孤発性クロイツフェルト・ヤコブ病	日本臨床別冊 新領域別症候 群シリーズ	26	666-670	2013
Leszek J, Trypka E, Kato H, Hachiya N	Break down of insulin system in brain; Link from Alzheimer's disease to type 3 diabetes.	J Alzheimer Dis			In press
Ichimura T, Taoka M, Shoji I, Kato H, Hatakeyama S, Isobe T, Hachiya N	14-3-3 proteins sequester a pool of soluble TRIM 32 ubiquitin ligase to repress autoubiquitination and cytoplasmic body formation.	J Cell Sci	126	2014-2026	2013
Kato H, Nishijima K, Hachiya N	Motor switch from KIF4 to KIF5 induces a selective reduction in anterograde velocity of fluorescence cellular prion protein in neurites.	J Neurol Neurophysiol		S11-005	2013
八谷如美	プリオン病の基礎	東京医科大学 雑誌			In press
加藤大樹, 八谷如美	正常プリオン蛋白の構造と機能	Clin Neurosci	31	1012-1014	2013
八谷如美	クーラー	日本臨床別冊 新領域別症候 群シリーズ	24	412-422	2013
Ano Y, Sakudo A, Uraki R, Kono J, Yukawa M, Onodera T	Intestinal transmission of prion proteins and role of exosomes in enterocytes.	Food Safety	1	43-48	2013
Hirata A, Hori Y, Koga Y, Okada J, Sakudo A, Ikuta K, Kanaya S, Takano K	Enzymatic activity of a subtilisin homolog, TK-SP, from Thermococcus kodakarensis in detergents and its ability to degrade the abnormal prion protein.	BMC biotechnol	13	19	2013

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Koga Y, Tanaka SI, Sakudo A, Tobiume M, Aranishi M, Hirata A, Takano K, Ikuta K, Kanaya S	Proteolysis of abnormal prion protein with a thermostable protease from <i>Thermococcus kodakarensis</i> KOD1.	Appl Microbiol Biot			In press
作道章一	プリオン(感染性因子)	防菌防黴			In press
作道章一, 小野寺節	慢性消耗病	Clin Neurosci	31	1032-1034	2013
Uchiyama K, Miyata H, Sakaguchi S	Disturbed vesicular trafficking of membrane proteins in prion disease.	Prion	7	1-5	2013
Uchiyama K, Muramatsu N, Yano M, Usui T, Miyata H, Sakaguchi S	Prions disturb post-Golgi trafficking of membrane proteins.	Nat Commun	4	1846	2013
Kishimoto Y, Hirono M, Atarashi R, Sakaguchi S, Yoshioka T, Katamine S, Kirino Y	Age-dependent impairment of eyeblink conditioning in prion protein-deficient mice.	PLoS ONE	8	e60627	2013
内山圭司, 坂口末廣	プリオン病における神経変性のメカニズム	Clin Neurosci	31	1022-1024	2013
Masujin K, Kaku-Ushiki Y, Miwa R, Okada H, Shimizu Y, Kasai K, Matsuura Y, Yokoyama T	The N-terminal sequence of prion protein consists an epitope specific to the abnormal isoform of prion protein (PrPSc).	PLoS One	8	e58013	2013
Kasai K, Iwamaru Y, Masujin K, Imamura M, Mohri S, Yokoyama T	Heterogeneity of the abnormal prion protein (PrPSc) of the Chandler scrapie strain.	Pathogens	2	92-104	2013
Ushiki-Kaku Y, Shimizu Y, Tabeta N, Iwamaru Y, Ogawa-Goto K, Hattori S, Yokoyama T	Heterogeneity of abnormal prion protein (PrPSc) in murine scrapie prions determined by PrPSc-specific monoclonal antibodies.	J Vet Med Sci	76	285-288	2014

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Ushiki-Kaku Y, Iwamaru Y, Masujin K, Imamura M, Itohara S, Ogawa-Goto K, Hattori S, Yokoyama T	Different antigenicities of the N-terminal region of cellular and scrapie prion proteins.	Microbiol Immunol	57	792-796	2013
Okada H, Miyazawa K, Fukuda S, Iwamaru Y, Imamura M, Masujin K, Matsuura Y, Fujii T, Fujii K, Kageyama S, Yoshioka M, Murayama Y, Yokoyama T	The presence of disease- associated prion protein in skeletal muscle of cattle infected with classical bovine spongiform encephalopathy.	J Vet Med Sci	76	103-107	2013
Iwamaru Y, Takenouchi T, Imamura M, Shimizu Y, Miyazawa K, Mohri S, Yokoyama T, Kitani H	Prion replication elicits cytopathic changes in differentiated neurosphere cultures.	J Virol	87	8745-8755	2013
Yamamoto T, Ushiki-Kaku Y, Yokoyama T, Hattori S	Sensitivity and specificity of a commercial BSE kit for the detection of ovine scrapie.	Anim Sci J	84	508-512	2013
Matsuura Y, Ishikawa Y, Bo X, Murayama Y, Yokoyama T, Somerville RA, Kitamoto T, Mohri S	Quantitative analysis of wet-heat inactivation in bovine spongiform encephalopathy.	Biochem Biophys Res Commun	432	86-91	2013
Matsuura Y, Iwamaru Y, Masujin K, Imamura M, Mohri S, Yokoyama T, Okada H	Distribution of abnormal prion protein in a sheep affected with L-type bovine spongiform encephalopathy.	J Comp Pathol	149	113-118	2013
Okada H, Iwamaru Y, Yokoyama T, Mohri S	Immunohistochemical detection of disease-associated prion protein in the peripheral nervous system in experimental H-type bovine spongiform encephalopathy.	Vet Pathol	50	659-663	2013
Hasegawa K, Mohri S, Yokoyama T	Comparison of the local structural stabilities of mammalian prion protein (PrP) by fragment molecular orbital calculations.	Prion	7	185-191	2013
横山 隆	牛海綿状脳症(BSE)	Clin Neurosci	31	1029-1031	2013