

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書 籍 名	出版社名	出版地	出版年	ページ
*堀内基広	牛海綿状脳症、変異クロイツフェルト・ヤコブ病	木村哲、喜田宏	人獣共通感染症改訂3版	医薬ジャーナル社	東京	2015	184-189

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
*Yamasaki T, Baron GS, Suzuki A, Hasebe R, Horiuchi M.	Characterization of intracellular dynamics of inoculated PrP-res and newly generated PrPSc during early stage prion infection in Neuro2a cells.	Virology	450-451C	324-335	2014
Yamasaki T, Suzuki A, Hasebe R, Horiuchi M.	Comparison of anti-prion mechanism of four different anti-prion compounds, anti-PrP monoclonal antibody 44B1, Pentosan polysulfate, chlorpromazine and U18666A, in prion-infected mouse neuroblastoma cells.	PLoS One	9	e106516	2014
Hasebe R, Suzuki A, Yamasaki T, Horiuchi M.	Temporary upregulation of anti-inflammatory cytokine IL-13 expression in the brains of CD14 deficient mice in the early stage of prion infection.	Biochem. Biophys. Res. Commun.	454	125-130	2014
Uchida L, Heriyanto A, Thongchai C, Hanh TT, Horiuchi M, Ishihara K, Tamura Y, Muramatsu Y.	Genetic diversity in the prion protein gene (PRNP) of domestic cattle and water buffaloes in Vietnam, Indonesia and Thailand.	J. Vet. Med. Sci.	76	1001-1008	2014
Akasaka K, Maeno A, Murayama T, Tachibana H, Fujita Y, Yamanaka H, Nishida N, Atarashi R.	Pressure-assisted dissociation and degradation of "proteinase K-resistant" fibrils prepared by seeding with scrapie-infected hamster prion protein.	Prion	8	314-318	2014
Homma T, Ishibashi D, Nakagaki T, Fuse T, Sano K, Satoh K,	Persistent prion infection disturbs the function of Oct-1, resulting in the	Sci. Rep.	4	6006	2014

Atarashi R, Nishida N.	down-regulation of murine interferon regulatory factor-3.				
*Sano K, Atarashi R, Ishibashi D, Nakagaki T, Satoh K, Nishida N.	Conformational properties of prion strains can be transmitted to recombinant prion protein fibrils in real-time quaking-induced conversion.	J. Virol.	88	11791-11801	2014
Qina T, Sanjo N, Hizume M, Higuma M, Tomita M, Atarashi R, Satoh K, Nozaki I, Hamaguchi T, Nakamura Y, Kobayashi A, Kitamoto T, Murayama S, Murai H, Yamada M, Mizusawa H.	Clinical features of genetic Creutzfeldt-Jakob disease with V180I mutation in the prion protein gene.	BMJ Open	4	e004968	2014
Homma T, Ishibashi D, Nakagaki T, Satoh K, Sano K, Atarashi R, Nishida N.	Increased expression of p62/SQSTM1 in prion diseases and its association with pathogenic prion protein.	Sci. Rep.	4	4504	2014
*Murayama Y, Masujin K, Imamura M, Ono F, Shibata H, Tobiume M, Yamamura T, Shimozaki N, Terao K, Yamakawa Y, Sata T.	Ultrasensitive detection of PrPSc in the cerebrospinal fluid and blood of macaques infected with bovine spongiform encephalopathy prion.	J. Gen. Virol.	95	2576-2588	2014
Langeveld JPM, Jacobs JG, Erkens JHF, Baron T, Andréoletti O, Yokoyama T, Keulen LJM, Zijderveld FG, Davidse A, Hope J, Tang Y, Bossers A.	Sheep prions with molecular properties intermediate between classical scrapie, BSE and CH1641-scrapie.	Prion	8	296-305	2014
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	2014
*堀内 基広	BSE の発生とその対策を振り返って	日本獣医師会雑誌	67	345-353	2014
Nagasawa Y, Takahashi Y, Itani W, Watanabe H,	Prion protein binds to aldolase A of bovine intestinal M cells.	Open J Vet Med	05	43-60	2015

Hidaka Y, Morita S, Watanabe K, Ohwada S, Kitazawa H, Imamura M, Yokoyama T, Horiuchi M, Sakaguchi S, Mohri S, Rose M, Nochi T, Aso H.					
Fuchigami T, Yamashita Y, Kawasaki M, Ogawa A, Haratake M, Atarashi R, Sano K, Nakagaki T, Ubagai K, Ono M, Yoshida S, Nishida N, Nakayama M.	Characterisation of radioiodinated flavonoid derivatives for SPECT imaging of cerebral prion deposits.	Sci Rep.	5	18440	2015
Ishibashi D, Homma T, Nakagaki T, Fuse T, Sano K, Takatsuki H, Atarashi R, Nishida N.	Strain-Dependent Effect of Macroautophagy on Abnormally Folded Prion Protein Degradation in Infected Neuronal Cells.	PLoS One	10	e0137958	2015
Sano K, Atarashi R, Nishida N.	Structural conservation of prion strain specificities in recombinant prion protein fibrils in real-time quaking-induced conversion.	Prion	9	237-243	2015
Takatsuki H, Satoh K, Sano K, Fuse T, Nakagaki T, Mori T, Ishibashi D, Mihara B, Takao M, Iwasaki Y, Yoshida M, Atarashi R, Nishida N.	Rapid and Quantitative Assay of Amyloid-Seeding Activity in Human Brains Affected with Prion Diseases.	PLoS One	10	e0126930	2015
Homma T, Ishibashi D, Nakagaki T, Fuse T, Mori T, Satoh K, Atarashi R, Nishida N.	Ubiquitin-specific protease 14 modulates degradation of cellular prion protein.	Sci Rep	5	11028	2015
福田 茂夫	脳内接種による BSE 感染牛の異常プリオンタンパク質の分布	北海道獣医師会雑誌	59	98-103	2015
*福田 茂夫	道総研畜産試験場における非定型 BSE に関する研究	北海道獣医師会雑誌	59	260-265	2015
*Murayama, Y., Ono,	L-Arginine ethylester	Biochem Biophys	470	563-568	2016

F., Shimozaki, N. and Shibata, H.	enhances in vitro amplification of PrPSc in macaques with atypical L-type bovine spongiform encephalopathy and enables presymptomatic detection of PrPSc in the bodily fluids.	Res Commun.			
*Mori T, Atarashi R, Furukawa K, Takatsuki H, Satoh K, Sano K, Nakagaki T, Ishibashi D, Ichimiya K, Hamada M, Nakayama T, Nishida N.	A direct assessment of human prion adhered to steel wire using real-time quaking-induced conversion.	Sci. Rep.	6	24993	2016
McGuire LI, Poggioli A, Poggiolini I, Suardi S, Grzmarova K, Shi S, de Vil B, Sarros S, Satoh K, Cheng K, Cramm M, Fairfoul G, Schmitz M, Zerr I, Cras P, Equestre M, Tagliavini F, Atarashi R, Knox D, Collins S, Haik S, Parchi P, Pocchiari M, Green A.	Cerebrospinal fluid real-time quaking-induced conversion is a robust and reliable test for sporadic creutzfeldt-jakob disease: An international study.	Ann. Neurol.	80(1)	160-165	2016
Ishibashi D, Nakagaki T, Ishikawa T, Atarashi R, Watanabe K, Cruz FA, Hamada T, Nishida N.	Structure-Based Drug Discovery for Prion Disease Using a Novel Binding Simulation.	EBioMedicine	9	238-249	2016
Schmitz M, Cramm M, Llorens F, Müller-Cramm D, Collins S, Atarashi R, Satoh K, Orrù CD, Groveman BR, Zafar S, Schulz-Schaeffer WJ, Caughey B, Zerr I.	The real-time quaking-induced conversion assay for detection of human prion disease and study of other protein misfolding diseases.	Nat. Protoc.	11(11)	2233-2242	2016
Takatsuki H, Fuse T, Nakagaki T, Mori T, Mihara B, Takao M, Iwasaki Y, Yoshida M, Murayama S, Atarashi R, Nishida N, Satoh K.	Prion-Seeding Activity Is widely Distributed in Tissues of Sporadic Creutzfeldt-Jakob Disease Patients.	EBioMedicine	12	150-155	2016
Murayama Y, Ono F, Shimozaki N, and Shibata H.	L-Arginine ethylester enhances in vitro amplification of PrPSc in macaques with atypical	Biochem. Biophys. Res. Commun.	470	563-568	2016

	L-type bovine spongiform encephalopathy and enables presymptomatic detection of PrPSc in the bodily fluids.				
Saijo E, Hughson AG, Raymond GJ, Suzuki A, Horiuchi M, and Caughey B.	PrPSc-Specific Antibody Reveals C-Terminal Conformational Differences between Prion Strains.	J. Virol.	90	4905-4913	2016
Hasebe R, Tanaka M, Suzuki A, Yamasaki T, and Horiuchi M.	Complement factors alter the amount of PrP(Sc) in primary-cultured mouse cortical neurons associated with increased membrane permeability.	Virology	496	9-20	2016
*Tanaka M, Fujiwara A, Suzuki A, Yamasaki T, Hasebe R, Masujin K, and Horiuchi M.	Comparison of abnormal isoform of prion protein in prion-infected cell lines and primary-cultured neurons by PrPSc-specific immunostaining.	J. Gen. Virol.	97	2030-2042	2016
*Shan Z, Yamasaki T, Suzuki A, Hasebe R, and Horiuchi M.	Establishment of a simple cell-based ELISA for the direct detection of abnormal isoform of prion protein from prion-infected cells without cell lysis and proteinase K treatment.	Prion	10	305-318	2016
Hagiwara K, Iwamaru Y, Tabeta N, Yokoyama T, and Tobiume M.	Evaluation of rapid post-mortem test kits for bovine spongiform encephalopathy (BSE) screening in Japan: Their analytical sensitivity to atypical BSE prions.	Prion			in press
堀内 基広	プリオン病治療実験モデル系確立の試み -免疫療法と細胞治療の可能性-	臨床評価	44	712-718	2017

*代表的成果として、「III. 研究成果の刊行物・別刷」の項に掲載した。