

<リサーチユニット・リサーチグループ>

## 目 次

感染生物学 .....	3
神経分子病態解析学 .....	5
難治性免疫疾患・アレルギー .....	7
腫瘍特異的ヘムーポルフィリン代謝を利用した診断・治療法開発 .....	17
次世代型粒子線がん治療の確立研究 .....	23
ゲノム医科学 .....	37
分子スポットロジー .....	47
脂質エネルギー代謝 .....	50
ヘルスサービス .....	56
生体機能制御・再生研究グループ .....	72
筑波発ナノ粒子の包括的臨床応用 .....	75
先端医療技術・生体材料・医療機器臨床応用 .....	79
紓社会継続発展モデルとしての小児難病総合 .....	81
血小板による新規肝疾患治療法開発 .....	95
前臨床がん研究 .....	96
3D-CGバーチャル手術シミュレーションシステム .....	105
神経生理学 .....	107
行動決定の脳内情報処理機構 .....	108
統合的神経回路 .....	109
基礎・社会・臨床医学の連携による健康長寿の実現 .....	110
心臓血管 .....	118
女性の健康と母性看護学に関する研究 .....	127
聴覚障害発症機序の解明に関する検討 .....	128
レギュラトリーサイエンス .....	130
心肺脳蘇生 .....	133
ソーシャルインクルージョン .....	134
ニュートリゲノミクス .....	137
脳腫瘍研究 .....	138
放射線基礎医学 .....	145
肺高血圧症・肺循環障害 .....	150
脊髄脊椎疾患 .....	152
気候変動と健康 .....	153

## 感染生物学

### 1) 英文論文

1. Czene A, Toth E, Nemeth E, Otten H, Poulsen JC, Christensen HE, Rulisek L, Nagata K, Larsen S, Gyurcsik B. A new insight into the zinc-dependent DNA-cleavage by the colicin E7 nuclease: a crystallographic and computational study. *Metalloomics* 6(11):2090-2099, 2014
2. Feillet C, Krusche P, Tamanini F, Janssens RC, Downey MJ, Martin P, Teboul M, Saito S, Levi FA, Bretschneider T, van der Horst GT, Delaunay F, Rand DA. Phase locking and multiple oscillating attractors for the coupled mammalian clock and cell cycle. *Proc Natl Acad Sci U S A* 111(27):9828-9833, 2014
3. Imamura K, Imamachi N, Akizuki G, Kumakura M, Kawaguchi A, Nagata K, Kato A, Kawaguchi Y, Sato H, Yoneda M, Kai C, Yada T, Suzuki Y, Yamada T, Ozawa T, Kaneki K, Inoue T, Kobayashi M, Kodama T, Wada Y, Sekimizu K, Akimitsu N. Long noncoding RNA NEAT1-dependent SFPQ relocation from promoter region to paraspeckle mediates IL8 expression upon immune stimuli. *Mol Cell* 53(3):393-406, 2014
4. Kadota S, Nagata K. Silencing of IFN-stimulated gene transcription is regulated by histone H1 and its chaperone TAF-I. *Nucleic Acids Res* 42(12):7642-7653, 2014
5. Kumakura M, Kawaguchi A, Nagata K. Actin-myosin network is required for proper assembly of influenza virus particles. *Virology* doi: 10.1016/j.virol.2014.12.016, 2014
6. Murano K, Okuwaki M, Momose F, Kumakura M, Ueshima S, Newbold RF, Nagata K. Reconstitution of human rRNA gene transcription in mouse cells by a complete SL1 complex. *J Cell Sci* 127(Pt 15):3309-3319, 2014
7. Nemeth E, Kortvelyesi T, Kozisek M, Thulstrup PW, Christensen HE, Asaka MN, Nagata K, Gyurcsik B. Substrate binding activates the designed triple mutant of the colicin E7 metalloenzyme. *J Biol Inorg Chem* 19(8):1295-1303, 2014
8. Nemeth E, Kortvelyesi T, Thulstrup PW, Christensen HE, Kozisek M, Nagata K, Czene A, Gyurcsik B. Fine tuning of the catalytic activity of colicin E7 nuclease domain by systematic N-terminal mutations. *Protein Sci* 23(8):1113-1122, 2014
9. Nguyen Thi le T, Sarmiento ME, Calero R, Camacho F, Reyes F, Hossain MM, Gonzalez GS, Norazmi MN, Acosta A. Immunoinformatics study on highly expressed *Mycobacterium tuberculosis* genes during infection. *Tuberculosis (Edinb)* 94(5):475-481, 2014
10. Oshiro Y, Yasue H, Takahashi K, Hattori S, Ideno S, Urayama T, Chiba M, Osari S, Naito T, Takeuchi K, Nagata K, Ohkohchi N. Mode of swine hepatitis E virus infection and replication in primary human hepatocytes. *J Gen Virol* 95(Pt 12):2677-2682, 2014
11. Skorup P, Maudsdotter L, Lipcsey M, Castegren M, Larsson A, Jonsson AB, Sjolin J. Beneficial antimicrobial effect of the addition of an aminoglycoside to a beta-lactam antibiotic in an *E. coli*

- porcine intensive care severe sepsis model. *PLoS One* 9(2):e90441, 2014
12. Suwastika IN, Denawa M, Yomogihara S, Im CH, Bang WY, Ohniwa RL, Bahk JD, Takeyasu K, Shiina T. Evidence for lateral gene transfer (LGT) in the evolution of eubacteria-derived small GTPases in plant organelles. *Front Plant Sci* 5:678, 2014
13. Ushijima Y, Ohniwa RL, Maruyama A, Saito S, Tanaka Y, Morikawa K. Nucleoid compaction by MrgA(Asp56Ala/Glu60Ala) does not contribute to staphylococcal cell survival against oxidative stress and phagocytic killing by macrophages. *FEMS Microbiol Lett* 360(2):144-151, 2014

4) 英文以外の著書

1. 大庭良介. 第6章. 表層常在細菌叢と病原菌; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp252-253
2. 斎藤慎二. 第6章. 腸内細菌叢; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp254-255
3. 斎藤慎二. 第6章. 細胞性免疫 v s 微生物; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp256-257
4. 斎藤慎二. 第6章. 液性免疫 v s 微生物; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp258-259
5. 大庭良介. 第6章. 酸化ストレス耐性; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp260
6. 森川一也. 第6章. 病原性・耐性の獲得と深化; "環境と微生物の辞典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp265-266
7. 川口敦史. 6. 冬のインフルエンザ; "環境と微生物の事典(第1版)" (編集 日本微生物生態学会), 朝倉書店(東京) 2014; pp244

## 神経分子病態解析学

### 1) 英文論文

1. Araki W, Minegishi S, Motoki K, Kume H, Hohjoh H, Araki YM, Tamaoka A. Disease-associated mutations of TDP-43 promote turnover of the protein through the proteasomal pathway. *Mol Neurobiol* 50(3):1049-1058, 2014
2. Hattori N, Nomoto M, 6500-004 Study Group. Sustained efficacy of apomorphine in Japanese patients with advanced Parkinson's disease. *Parkinsonism Relat Disord* 20(8):819-823, 2014
3. Ishii K, Itoh Y, Iwasaki N, Shibata Y, Tamaoka A. Detection of diphenylarsinic acid and its derivatives in human serum and cerebrospinal fluid. *Clin Chim Acta* 431:227-231, 2014
4. Ishii K, Kanazawa T, Tomidokoro Y, Tamaoka A. Glossopharyngeal nerve and vagus nerve palsies associated with influenza vaccination. *Intern Med* 53(3):259-261, 2014
5. Satoh J, Motohashi N, Kino Y, Ishida T, Yagishita S, Jinnai K, Arai N, Nakamagoe K, Tamaoka A, Saito Y, Arima K. LC3, an autophagosome marker, is expressed on oligodendrocytes in Nasu-Hakola disease brains. *Orphanet J Rare Dis* 9:68, 2014
6. Shioya A, Takuma H, Shiigai M, Ishii A, Tamaoka A. Sixth nerve palsy associated with obstruction in Dorello's canal, accompanied by nodular type muscular sarcoidosis. *J Neurol Sci* 343(1-2):203-205, 2014
7. Shioya A, Takuma H, Yamaguchi S, Ishii A, Hiroki M, Fukuda T, Sugie H, Shigematsu Y, Tamaoka A. Amelioration of acylcarnitine profile using bezafibrate and riboflavin in a case of adult-onset glutaric aciduria type 2 with novel mutations of the electron transfer flavoprotein dehydrogenase (ETFDH) gene. *J Neurol Sci* 346(1-2):350-352, 2014

### 2) 英文以外の論文

1. 玉岡晃. めまい診療の実際～中枢性めまいを中心に～. 茨城保険医新聞 10月号: 6, 2014
2. 玉岡晃. 【病因仮説再考】アルツハイマー病の病態仮説 アミロイドβ蛋白を中心に. *Dementia Japan* 28(1):3-10, 2014
3. 玉岡晃. 【生活習慣病・老年疾患と認知症】 総説(生活習慣病の進展を踏まえて) アルツハイマー病の発症メカニズム 最近の進歩と診療への応用. *Geriatric Medicine* 52(7):733-739, 2014
4. 玉岡晃. 【伝播する蛋白質:プリオノイド仮説】 タウ蛋白. *神経内科* 81(6):622-629, 2014
5. 玉岡晃. 神経疾患における抗体療法 アルツハイマー病に対する免疫療法. *NEUROINFECTION* 19(1):68-75, 2014
6. 松村えりか, 山口哲人, 富所康志, 石井亜紀子, 玉岡晃. 関節拘縮を主症状とし骨格筋にアミロイド沈着をみとめた AL アミロイドーシスの 68 歳男性例. *臨床神経学* 54(11):907-910, 2014
7. 山本詞子, 横山泰久, 栗田尚樹, 高岩直子, 玉岡晃. 馬尾症候群を呈した血管内リンパ腫の 1 例.

日本内科学会雑誌 103(7):1696-1698, 2014

8. 寺田真, 長谷川成人, 玉岡晃.  $\alpha$  シヌクレイン. Clinical Neuroscience 33(3):296-299, 2014
9. 寺田真, 石井一弘, 玉岡晃. 【症候性 dementia】 多発性硬化症に伴う dementia. 神経内科 80(1):43-48, 2014
10. 保坂孝史, 嵐田直美, 中馬越清隆, 石井一弘, 高橋幸利, 玉岡晃. 先行感染後に opsoclonus-myoclonus syndrome を認め、髄液中の抗 GluR $\delta$ 2 抗体と GluR $\epsilon$ 2 抗体が陽性であった 1 例. 運動障害 24(1):1-6, 2014

4) 英文以外の著書

1. 玉岡晃. Alzheimer 病; "イヤーノート TOPICS 2014-2015 (第 4 版)" (編集 岡庭豊, 荒瀬康司, 三角和雄), メディックメディア (東京) 2014; pp312-315
2. 玉岡晃. 13. 認知症治療薬; "Pocket Drugs 2014 (第 1 版)" (編集 福井次矢, 小松康宏, 渡邊裕司), 医学書院 (東京) 2014; pp99-101

## 難治性免疫疾患・アレルギー

### 1) 英文論文

1. Asanuma YF, Mimura T, Tsuboi H, Noma H, Miyoshi F, Yamamoto K, Sumida T. Nationwide epidemiological survey of 169 patients with adult Still's disease in Japan. *Mod Rheumatol* doi: 10.3109/14397595.2014.974881, 2014
2. Dang TN, Naka I, Sa-Ngasang A, Anantapreecha S, Chanama S, Wichukchinda N, Sawanpanyalert P, Patarapotikul J, Tsuchiya N, Ohashi J. A replication study confirms the association of GWAS-identified SNPs at MICB and PLCE1 in Thai patients with dengue shock syndrome. *BMC Med Genet* 15:58, 2014
3. Daussy C, Faure F, Mayol K, Viel S, Gasteiger G, Charrier E, Bienvenu J, Henry T, Debien E, Hasan UA, Marvel J, Yoh K, Takahashi S, Prinz I, de Bernard S, Buffat L, Walzer T. T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. *J Exp Med* 211(3):563-577, 2014
4. Ebe H, Tsuboi H, Hagiya C, Takahashi H, Yokosawa M, Hagiwara S, Hirota T, Kurashima Y, Takai C, Miki H, Asashima H, Umeda N, Kondo Y, Ogishima H, Suzuki T, Chino Y, Matsumoto I, Sumida T. Clinical features of patients with IgG4-related disease complicated with perivascular lesions. *Mod Rheumatol* doi: 10.3109/14397595.2014.903596, 2014
5. Eto K, Nishimura W, Oishi H, Udagawa H, Kawaguchi M, Hiramoto M, Fujiwara T, Takahashi S, Yasuda K. MafA is required for postnatal proliferation of pancreatic beta-cells. *PLoS One* 9(8):e104184, 2014
6. Fernando V, Omura S, Sato F, Kawai E, Martinez NE, Elliott SF, Yoh K, Takahashi S, Tsunoda I. Regulation of an autoimmune model for multiple sclerosis in Th2-biased GATA3 transgenic mice. *Int J Mol Sci* 15(2):1700-1718, 2014
7. Fujita A, Ishibe N, Yoshihara T, Ohashi J, Makino H, Ikeda M, Setoguchi H. Rapid reversal of neuromuscular blockade by sugammadex after continuous infusion of rocuronium in patients with liver dysfunction undergoing hepatic surgery. *Acta Anaesthesiol Taiwan* 52(2):54-58, 2014
8. Furukawa H, Kawasaki A, Oka S, Ito I, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Kondo Y, Ito S, Hayashi T, Matsumoto I, Kusaoi M, Amano H, Nagai T, Hirohata S, Setoguchi K, Kono H, Okamoto A, Chiba N, Suematsu E, Katayama M, Migita K, Suda A, Ohno S, Hashimoto H, Takasaki Y, Sumida T, Nagaoka S, Tsuchiya N, Tohma S. Human leukocyte antigens and systemic lupus erythematosus: a protective role for the HLA-DR6 alleles DRB1\*13:02 and \*14:03. *PLoS One* 9(2):e87792, 2014
9. Furukawa H, Oka S, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Miyashita T, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. HLA-DRB1\*08:02 Is Associated with Bucillamine-Induced Proteinuria in Japanese Rheumatoid Arthritis Patients. *Biomark Insights*

9(23-28, 2014

10. Furukawa S, Moriyama M, Tanaka A, Maehara T, Tsuboi H, Iizuka M, Hayashida JN, Ohta M, Saeki T, Notohara K, Sumida T, Nakamura S. Preferential M2 macrophages contribute to fibrosis in IgG4-related dacryoadenitis and sialadenitis, so-called Mikulicz's disease. *Clin Immunol* doi: 10.1016/j.clim.2014.10.008, 2014
11. Gazal S, Sacre K, Allanore Y, Teruel M, Goodall AH, Tohma S, Alfredsson L, Okada Y, Xie G, Constantin A, Balsa A, Kawasaki A, Nicaise P, Amos C, Rodriguez-Rodriguez L, Chiocchia G, Boileau C, Zhang J, Vittecoq O, Barnetche T, Gay MA, Furukawa H, Cantagrel A, Le Loet X, Sumida T, Hurtado-Nedelec M, Richez C, Chollet-Martin S, Schaeverbeke T, Combe B, Khoryati L, Coustet B, El-Benna J, Siminovitch K, Plenge R, Padyukov L, Martin J, Tsuchiya N, Dieude P. Identification of secreted phosphoprotein 1 gene as a new rheumatoid arthritis susceptibility gene. *Ann Rheum Dis* doi: 10.1136/annrheumdis-2013-204581, 2014
12. Hagiwara S, Tsuboi H, Hagiya C, Yokosawa M, Hirota T, Ebe H, Takahashi H, Ogishima H, Asashima H, Kondo Y, Umeda N, Suzuki T, Hitomi S, Matsumoto I, Sumida T. Pulmonary nocardiosis in patients with connective tissue disease: A report of two cases. *Intractable Rare Dis Res* 3(1):25-28, 2014
13. Hamada M, Nakamura M, Tran MT, Moriguchi T, Hong C, Ohsumi T, Dinh TT, Kusakabe M, Hattori M, Katsumata T, Arai S, Nakashima K, Kudo T, Kuroda E, Wu CH, Kao PH, Sakai M, Shimano H, Miyazaki T, Tontonoz P, Takahashi S. MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. *Nat Commun* 5:3147, 2014
14. Hasegawa Y, Daitoku Y, Mizuno S, Tanimoto Y, Mizuno-Iijima S, Matsuo M, Kajiwara N, Ema M, Oishi H, Miwa Y, Mekada K, Yoshiiki A, Takahashi S, Sugiyama F, Yagami K. Generation and characterization of Ins1-cre-driver C57BL/6N for exclusive pancreatic beta cell-specific Cre-loxP recombination. *Exp Anim* 63(2):183-191, 2014
15. Hirota T, Suzuki T, Hagiwara S, Ogishima H, Matsumoto I, Sumida T. Analysis of the usefulness of magnetic resonance imaging evaluation for rheumatoid arthritis treated with biological agents in the early phase: retrospective observation of abatacept and infliximab. *Clin Exp Rheumatol* 32(6):991, 2014
16. Honma H, Hirai M, Nakamura S, Hakimi H, Kawazu S, Palacpac NM, Hisaeda H, Matsuoka H, Kawai S, Endo H, Yasunaga T, Ohashi J, Mita T, Horii T, Furusawa M, Tanabe K. Generation of rodent malaria parasites with a high mutation rate by destructing proofreading activity of DNA polymerase delta. *DNA Res* 21(4):439-446, 2014
17. Iizuka M, Tsuboi H, Matsuo N, Asashima H, Hirota T, Kondo Y, Iwakura Y, Takahashi S, Matsumoto I, Sumida T. A crucial role of RORgammat in the development of spontaneous Sialadenitis-like Sjogren's syndrome. *J Immunol* doi: 10.4049/jimmunol.1401118, 2014

18. Iizuka M, Wakasa Y, Tsuboi H, Asashima H, Hirota T, Kondo Y, Matsumoto I, Sumida T, Takaiwa F. Prophylactic effect of the oral administration of transgenic rice seeds containing altered peptide ligands of type II collagen on rheumatoid arthritis. *Biosci Biotechnol Biochem* 78(10):1662-1668, 2014
19. Iizuka M, Wakasa Y, Tsuboi H, Asashima H, Hirota T, Kondo Y, Matsumoto I, Takaiwa F, Sumida T. Suppression of collagen-induced arthritis by oral administration of transgenic rice seeds expressing altered peptide ligands of type II collagen. *Plant Biotechnol J* 12(8):1143-1152, 2014
20. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
21. Kagohashi K, Satoh H, Ohara G, Miyazaki K, Kawaguchi M, Kurishima K, Hizawa N. Long-term safety of budesonide/formoterol for the treatment of elderly patients with bronchial asthma. *Exp Ther Med* 7(4):1005-1009, 2014
22. Kamath-Loeb AS, Balakrishna S, Whittington D, Shen JC, Emond MJ, Okabe T, Masutani C, Hanaoka F, Nishimura S, Loeb LA. Sphingosine, a modulator of human translesion DNA polymerase activity. *J Biol Chem* 289(31):21663-21672, 2014
23. Kawasaki A, Furukawa H, Nishida N, Warabi E, Kondo Y, Ito S, Matsumoto I, Kusaoi M, Amano H, Suda A, Nagaoka S, Setoguchi K, Nagai T, Hirohata S, Shimada K, Sugii S, Okamoto A, Chiba N, Suematsu E, Ohno S, Katayama M, Okamoto A, Kono H, Tokunaga K, Takasaki Y, Hashimoto H, Sumida T, Tohma S, Tsuchiya N. Association of functional polymorphisms in interferon regulatory factor 2 (IRF2) with susceptibility to systemic lupus erythematosus: a case-control association study. *PLoS One* 9(10):e109764, 2014
24. Kihara M, Ito K, Nakata J, Otani M, Tran NL, Morito N, Takahashi S, Wada Y, Izui S. O-linked glycosylation determines the nephritogenic potential of IgA rheumatoid factor. *J Am Soc Nephrol* 25(6):1282-1290, 2014
25. Kim YG, Udayanga KG, Totsuka N, Weinberg JB, Nunez G, Shibuya A. Gut dysbiosis promotes M2 macrophage polarization and allergic airway inflammation via fungi-induced PGE(2). *Cell Host Microbe* 15(1):95-102, 2014
26. Konno S, Hizawa N, Makita H, Shimizu K, Sakamoto T, Kokubu F, Saito T, Endo T, Ninomiya H, Iijima H, Kaneko N, Ito YM, Nishimura M. The effects of a Gly16Arg ADRB2 polymorphism on responses to salmeterol or montelukast in Japanese patients with mild persistent asthma. *Pharmacogenet Genomics* 24(5):246-255, 2014
27. Kurita N, Honda S, Shibuya A. Increased serum IgA in Fc $\alpha$ /muR-deficient mice on the (129 x C57BL/6) F1 genetic background. *Mol Immunol* doi: 10.1016/j.molimm.2014.09.008, 2014

28. Martinez NE, Sato F, Kawai E, Omura S, Takahashi S, Yoh K, Tsunoda I. Th17-biased RORgammat transgenic mice become susceptible to a viral model for multiple sclerosis. *Brain Behav Immun* doi: 10.1016/j.bbi.2014.07.008, 2014
29. Martinez NE, Sato F, Omura S, Kawai E, Takahashi S, Yoh K, Tsunoda I. RORgammat, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. *J Neuroimmunol* 276(1-2):142-149, 2014
30. Matsumoto I, Inoue A, Takai C, Umeda N, Tanaka Y, Kurashima Y, Sumida T. Regulatory roles of tumor necrosis factor alpha-induced proteins (TNFAIPs) 3 and 9 in arthritis. *Clin Immunol* 153(1):73-78, 2014
31. Matsuyama M, Ishii Y, Yageta Y, Ohtsuka S, Ano S, Matsuno Y, Morishima Y, Yoh K, Takahashi S, Ogawa K, Hogaboam CM, Hizawa N. Role of Th1/Th17 balance regulated by T-bet in a mouse model of Mycobacterium avium complex disease. *J Immunol* 192(4):1707-1717, 2014
32. Miyadera H, Ohashi J, Lernmark A, Kitamura T, Tokunaga K. Cell-surface MHC density profiling reveals instability of autoimmunity-associated HLA. *J Clin Invest* doi: 10.1172/jci74961, 2014
33. Miyazaki T, Ikeda K, Horie-Inoue K, Kondo T, Takahashi S, Inoue S. EBAG9 modulates host immune defense against tumor formation and metastasis by regulating cytotoxic activity of T lymphocytes. *Oncogenesis* 3:e126, 2014
34. Mizuno S, Dinh TT, Kato K, Mizuno-Iijima S, Tanimoto Y, Daitoku Y, Hoshino Y, Ikawa M, Takahashi S, Sugiyama F, Yagami K. Simple generation of albino C57BL/6J mice with G291T mutation in the tyrosinase gene by the CRISPR/Cas9 system. *Mamm Genome* 25(7-8):327-334, 2014
35. Nabekura T, Kanaya M, Shibuya A, Fu G, Gascoigne NR, Lanier LL. Costimulatory molecule DNAM-1 is essential for optimal differentiation of memory natural killer cells during mouse cytomegalovirus infection. *Immunity* 40(2):225-234, 2014
36. Nabekura T, Lanier LL. Antigen-specific expansion and differentiation of natural killer cells by alloantigen stimulation. *J Exp Med* 211(12):2455-2465, 2014
37. Nagasaki H, Katsumata T, Oishi H, Tai PH, Sekiguchi Y, Koshida R, Jung Y, Kudo T, Takahashi S. Generation of insulin-producing cells from the mouse liver using beta cell-related gene transfer including Mafa and Mafb. *PLoS One* 9(11):e113022, 2014
38. Nagumo Y, Iguchi-Manaka A, Yamashita-Kanemaru Y, Abe F, Bernhardt G, Shibuya A, Shibuya K. Increased CD112 expression in methylcholanthrene-induced tumors in CD155-deficient mice. *PLoS One* 9(11):e112415, 2014
39. Naka I, Patarapotikul J, Hananantachai H, Imai H, Ohashi J. Association of the endothelial protein C receptor (PROCR) rs867186-G allele with protection from severe malaria. *Malar J* 13:105, 2014
40. Naka I, Patarapotikul J, Hananantachai H, Ohashi J. Lack of association between BSG polymorphisms and cerebral malaria. *Jpn J Infect Dis* 67(6):432-435, 2014

41. Nanatsue K, Ninomiya T, Tsuchiya M, Tahara-Hanaoka S, Shibuya A, Masuko H, Sakamoto T, Hizawa N, Arinami T, Noguchi E. Influence of MILR1 promoter polymorphism on expression levels and the phenotype of atopy. *J Hum Genet* 59(9):480-483, 2014
42. Nishida N, Sawai H, Kashiwase K, Minami M, Sugiyama M, Seto WK, Yuen MF, Posuwan N, Poovorawan Y, Ahn SH, Han KH, Matsuura K, Tanaka Y, Kurosaki M, Asahina Y, Izumi N, Kang JH, Hige S, Ide T, Yamamoto K, Sakaida I, Murawaki Y, Itoh Y, Tamori A, Orito E, Hiasa Y, Honda M, Kaneko S, Mita E, Suzuki K, Hino K, Tanaka E, Mochida S, Watanabe M, Eguchi Y, Masaki N, Murata K, Korenaga M, Mawatari Y, Ohashi J, Kawashima M, Tokunaga K, Mizokami M. New susceptibility and resistance HLA-DP alleles to HBV-related diseases identified by a trans-ethnic association study in Asia. *PLoS One* 9(2):e86449, 2014
43. Nishida W, Nagata M, Imagawa A, Hanafusa T, Ohashi J, Takahashi K, Suehiro T, Yamada Y, Chujo D, Kawasaki E, Kawamura R, Onuma H, Osawa H, Makino H. Insulin administration may trigger type 1 diabetes in Japanese type 2 diabetes patients with type 1 diabetes high-risk HLA class II and the insulin gene VNTR genotype. *J Clin Endocrinol Metab* 99(9):E1793-1797, 2014
44. Nishikawa Y, Nishijima H, Matsumoto M, Morimoto J, Hirota F, Takahashi S, Luche H, Fehling HJ, Mouri Y, Matsumoto M. Temporal lineage tracing of Aire-expressing cells reveals a requirement for Aire in their maturation program. *J Immunol* 192(6):2585-2592, 2014
45. Nishimura W, Oishi H, Funahashi N, Fujiwara T, Takahashi S, Yasuda K. Generation and characterization of MafA-Kusabira Orange mice. *Endocr J* doi: 10.1507/endocrj.EJ14-0296, 2014
46. Nishimura W, Takahashi S, Yasuda K. MafA is critical for maintenance of the mature beta cell phenotype in mice. *Diabetologia* doi: 10.1007/s00125-014-3464-9, 2014
47. Ohashi J, Suzuki Y, Naka I, Hananantachai H, Patarapotkul J. Diversifying selection on the thrombospondin-related adhesive protein (TRAP) gene of Plasmodium falciparum in Thailand. *PLoS One* 9(2):e90522, 2014
48. Ohtsuka S, Ishii Y, Matsuyama M, Ano S, Morishima Y, Yanagawa T, Warabi E, Hizawa N. SQSTM1/p62/A170 regulates the severity of Legionella pneumophila pneumonia by modulating inflammasome activity. *Eur J Immunol* 44(4):1084-1092, 2014
49. Oka S, Furukawa H, Kawasaki A, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Ito S, Nakamura T, Saisho K, Katayama M, Tsunoda S, Sano H, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. Protective effect of the HLA-DRB1\*13:02 allele in Japanese rheumatoid arthritis patients. *PLoS One* 9(6):e99453, 2014
50. Okamura M, Yoh K, Ojima M, Morito N, Takahashi S. Overexpression of GATA-3 in T cells accelerates dextran sulfate sodium-induced colitis. *Exp Anim* 63(2):133-140, 2014
51. Ota K, Kawaguchi M, Matsukura S, Kurokawa M, Kokubu F, Fujita J, Morishima Y, Huang SK, Ishii Y, Satoh H, Hizawa N. Potential involvement of IL-17F in asthma. *J Immunol Res*

2014:602846, 2014

52. Sa-Ngasang A, Ohashi J, Naka I, Anantapreecha S, Sawanpanyalert P, Patarapotikul J. Association of IL1B -31C/T and IL1RA variable number of an 86-bp tandem repeat with dengue shock syndrome in Thailand. *J Infect Dis* 210(1):138-145, 2014
53. Sabato V, Boita M, Shubber S, Bridts CH, Shibuya A, De Clerck LS, Falcone FH, Ebo DG. Mechanism of phosphatidylserine inhibition of IgE/FepsilonRI-dependent anaphylactic human basophil degranulation via CD300a. *J Allergy Clin Immunol* 134(3):734-737 e733, 2014
54. Sakai R, Cho SK, Nanki T, Koike R, Watanabe K, Yamazaki H, Nagasawa H, Amano K, Tanaka Y, Sumida T, Ihata A, Yasuda S, Nakajima A, Sugihara T, Tamura N, Fujii T, Dobashi H, Miura Y, Miyasaka N, Harigai M. The risk of serious infection in patients with rheumatoid arthritis treated with tumor necrosis factor inhibitors decreased over time: a report from the registry of Japanese rheumatoid arthritis patients on biologics for long-term safety (REAL) database. *Rheumatol Int* 34(12):1729-1736, 2014
55. Satake K, Shimizu Y, Sasaki Y, Yanagawa H, Suzuki H, Suzuki Y, Horikoshi S, Honda S, Shibuya K, Shibuya A, Tomino Y. Serum under-O-glycosylated IgA1 level is not correlated with glomerular IgA deposition based upon heterogeneity in the composition of immune complexes in IgA nephropathy. *BMC Nephrol* 15:89, 2014
56. Segawa S, Goto D, Horikoshi M, Kondo Y, Umeda N, Hagiwara S, Yokosawa M, Hirota T, Miki H, Tsuboi H, Ogishima H, Suzuki T, Matsumoto I, Sumida T. Involvement of CD161+ Vdelta1+ gammadelta T cells in systemic sclerosis: association with interstitial pneumonia. *Rheumatology (Oxford)* 53(12):2259-2269, 2014
57. Shinagawa T, Takagi T, Tsukamoto D, Tomaru C, Huynh LM, Sivaraman P, Kumarevel T, Inoue K, Nakato R, Katou Y, Sado T, Takahashi S, Ogura A, Shirahige K, Ishii S. Histone variants enriched in oocytes enhance reprogramming to induced pluripotent stem cells. *Cell Stem Cell* 14(2):217-227, 2014
58. Suzuki K, Numata T, Suzuki H, Raga DD, Ipulan LA, Yokoyama C, Matsushita S, Hamada M, Nakagata N, Nishinakamura R, Kume S, Takahashi S, Yamada G. Sexually dimorphic expression of Mafb regulates masculinization of the embryonic urethral formation. *Proc Natl Acad Sci U S A* 111(46):16407-16412, 2014
59. Takahashi H, Tsuboi H, Kurata I, Takahashi H, Inoue S, Ebe H, Yokosawa M, Hagiwara S, Hirota T, Asashima H, Kaneko S, Kawaguchi H, Kurashima Y, Miki H, Umeda N, Kondo Y, Ogishima H, Suzuki T, Matsumoto I, Sumida T. Predictors of the response to treatment in acute lupus hemophagocytic syndrome. *Lupus* doi: 10.1177/0961203314559086, 2014
60. Takahashi H, Yamashita H, Kubota K, Miyata Y, Okasaki M, Morooka M, Takahashi Y, Kaneko H, Kano T, Mimori A. Differences in FDG PET/CT between EORA and PMR. *Mod Rheumatol* 1-6,

2014

61. Tanaka T, Tahara-Hanaoka S, Nabekura T, Ikeda K, Jiang S, Tsutsumi S, Inagaki T, Magoori K, Higurashi T, Takahashi H, Tachibana K, Tsurutani Y, Raza S, Anai M, Minami T, Wada Y, Yokote K, Doi T, Hamakubo T, Auwerx J, Gonzalez FJ, Nakajima A, Aburatani H, Naito M, Shibuya A, Kodama T, Sakai J. PPARbeta/delta activation of CD300a controls intestinal immunity. *Sci Rep* 4:5412, 2014
62. Tanaka Y, Matsumoto I, Inoue A, Umeda N, Takai C, Sumida T. Antigen-specific over-expression of human cartilage glycoprotein 39 on CD4+ CD25+ forkhead box protein 3+ regulatory T cells in the generation of glucose-6-phosphate isomerase-induced arthritis. *Clin Exp Immunol* 177(2):419-427, 2014
63. Taniguchi N, Konno S, Isada A, Hattori T, Kimura H, Shimizu K, Maeda Y, Makita H, Hizawa N, Nishimura M. Association of the CAT-262C>T polymorphism with asthma in smokers and the nonemphysematous phenotype of chronic obstructive pulmonary disease. *Ann Allergy Asthma Immunol* 113(1):31-36 e32, 2014
64. Terao C, Yamada R, Mimori T, Yamamoto K, Sumida T. A nationwide study of SLE in Japanese identified subgroups of patients with clear signs patterns and associations between signs and age or sex. *Lupus* 23(13):1435-1442, 2014
65. Tojo M, Fujita T, Ainoda Y, Nagamatsu M, Hayakawa K, Mezaki K, Sakurai A, Masui Y, Yazaki H, Takahashi H, Miyoshi-Akiyama T, Totsuka K, Kirikae T, Ohmagari N. Evaluation of an automated rapid diagnostic assay for detection of Gram-negative bacteria and their drug-resistance genes in positive blood cultures. *PLoS One* 9(4):e94064, 2014
66. Tojo M, Nagamatsu M, Hayakawa K, Mezaki K, Kirikae T, Ohmagari N. Evaluation of an automated rapid diagnostic test for detection of Clostridium difficile. *PLoS One* 9(8):e106102, 2014
67. Totsuka N, Kim YG, Kanemaru K, Niizuma K, Umemoto E, Nagai K, Tahara-Hanaoka S, Nakahasi-Oda C, Honda S, Miyasaka M, Shibuya K, Shibuya A. Toll-like receptor 4 and MAIR-II/CLM-4/LMIR2 immunoreceptor regulate VLA-4-mediated inflammatory monocyte migration. *Nat Commun* 5:4710, 2014
68. Tran MT, Tanaka J, Hamada M, Sugiyama Y, Sakaguchi S, Nakamura M, Takahashi S, Miwa Y. In vivo image analysis using iRFP transgenic mice. *Exp Anim* 63(3):311-319, 2014
69. Tsuboi H, Matsumoto I, Hagiwara S, Hirota T, Takahashi H, Ebe H, Yokosawa M, Hagiya C, Asashima H, Takai C, Miki H, Umeda N, Kondo Y, Ogishima H, Suzuki T, Hirata S, Saito K, Tanaka Y, Horai Y, Nakamura H, Kawakami A, Sumida T. Efficacy and safety of abatacept for patients with Sjogren's syndrome associated with rheumatoid arthritis: rheumatoid arthritis with orencia trial toward Sjogren's syndrome Endocrinopathy (ROSE) trial-an open-label, one-year, prospective study-Interim analysis of 32 patients for 24 weeks. *Mod Rheumatol* doi:

10.3109/14397595.2014.951144, 2014

70. Tsuboi H, Nakai Y, Iizuka M, Asashima H, Hagiya C, Tsuzuki S, Hirota T, Miki H, Hagiwara S, Kondo Y, Tanaka A, Moriyama M, Matsumoto I, Nakamura S, Yoshihara T, Abe K, Sumida T. DNA microarray analysis of labial salivary glands in IgG4-related disease: comparison with Sjogren's syndrome. *Arthritis Rheumatol* 66(10):2892-2899, 2014
71. Tsuboi H, Ohira H, Asashima H, Tsuzuki S, Iizuka M, Matsuo N, Kondo Y, Matsumoto I, Sumida T. Anti-M3 muscarinic acetylcholine receptor antibodies in patients with primary biliary cirrhosis. *Hepatol Res* 44(14):E471-479, 2014
72. Yageta Y, Ishii Y, Morishima Y, Ano S, Ohtsuka S, Matsuyama M, Takeuchi K, Itoh K, Yamamoto M, Hizawa N. Carbocisteine reduces virus-induced pulmonary inflammation in mice exposed to cigarette smoke. *Am J Respir Cell Mol Biol* 50(5):963-973, 2014
73. Yamada H, Yatagai Y, Masuko H, Sakamoto T, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Hizawa N. Heritability of pulmonary function estimated from genome-wide SNPs in healthy Japanese adults. *Respir Investig* doi: 10.1016/j.resinv.2014.10.004, 2014
74. Yatagai Y, Sakamoto T, Yamada H, Masuko H, Kaneko Y, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Konno S, Nishimura M, Hizawa N. Genomewide association study identifies HAS2 as a novel susceptibility gene for adult asthma in a Japanese population. *Clin Exp Allergy* 44(11):1327-1334, 2014
75. Yokosawa M, Tsuboi H, Nasu K, Hagiya C, Hagiwara S, Hirota T, Ebe H, Takahashi H, Asashima H, Kondo Y, Ogishima H, Suzuki T, Minami M, Bukawa H, Matsumoto I, Sumida T. Usefulness of MR imaging of the parotid glands in patients with secondary Sjogren's syndrome associated with rheumatoid arthritis. *Mod Rheumatol* doi: 10.3109/14397595.2014.958892, 2014

## 2) 英文以外の論文

1. 阿野哲士, 森島祐子, 檜澤伸之. 呼吸器内科学 T 細胞特異的転写因子の発現バランスがアレルギー性気道炎症のフェノタイプを規定する. 医学のあゆみ 248(4):286-287, 2014
2. 飯島弘晃, 檜澤伸之. 先端医学講座 アトピー分類と Thymic stromal lymphopoietin(TSLP)遺伝子. アレルギーの臨床 34(2):187-191, 2014
3. 飯島弘晃, 檜澤伸之. 喫煙による TSLP 産生誘導と気管支喘息. 臨床免疫・アレルギー科 61(6):689-693, 2014
4. 飯島弘晃, 山田英恵, 谷田貝洋平, 金子美子, 内藤隆志, 坂本透, 増子裕典, 広田朝光, 玉利真由美, 今野哲, 西村正治, 檜澤伸之. アレルゲン特異的 IgE 反応性から分類した喘息フェノタイプ Thymic stromal lymphopoietin(TSLP)遺伝子と喫煙の役割. アレルギー 63(1):33-44, 2014
5. 金丸由美, 渋谷和子. 細胞内染色法を用いたサイトカイン産生の解析. 実験医学別冊 最強のステップUPシリーズ直伝！フローサイトメトリー面白いほど使いこなせる！ :90-99, 2014

6. 黒部匡広, 小島崇宏, 高岡栄一郎, 辻本一平, 目翔太郎, 市岡大士, 神鳥周也, 常楽晃, 末富崇弘, 宮崎淳, 河合弘二, 西山博之, 萩谷千裕, 坪井洋人, 住田孝之, 佐藤泰樹, 里見介史, 野口雅之. 腎盂癌との鑑別が困難であった IgG4 関連疾患の 1 例 本邦文献例の検討. 泌尿器外科 27(11):1849-1854, 2014
7. 近藤裕也, 田原昌浩, 飯塚麻菜, 横澤将宏, 金子駿太, 坪井洋人, 高橋智, 松本功, 住田孝之. T 細胞の制御と自己免疫疾患 ROR $\gamma$ t/Foxp3 共発現 CD4 T 細胞による自己免疫性関節炎制御機構. 日本臨床免疫学会会誌 37(4):315, 2014
8. 佐藤和貴, 本多伸一郎, 渋谷彰. 【組織における免疫応答の特性】濾胞樹状細胞の B 細胞への抗原提示能の制御機構. 臨床免疫・アレルギー科 62(1):25-30, 2014
9. 渋谷彰. DNAM-1(CD226)によるキラーリンパ球活性化と標的細胞傷害. 感染・炎症・免疫 43(4):296-306, 2014
10. 渋谷彰. 抗生物質服用による腸内細菌バランスの乱れと喘息. メディカル朝日 43(12):32-33, 2014
11. 渋谷彰. 大発見！抗生物質を投与すると腸内でカビが大繁殖してぜんそくを悪化させる. 腸の大掃除で病気は勝手に治る (『壮快』特別編集) 7月号 :32-33, 2014
12. 渋谷彰. 腸内細菌のバランスの乱れがぜん息を悪化させるメカニズムがわかった！. あとひナビ 4月号 247:1-3, 2014
13. 渋谷彰. 大発見！抗生物質を投与すると腸内でカビが大繁殖してぜんそくを悪化させる. あとひナビ 5月号 38-39, 2014
14. 清水薫子, 今野哲, 木村孔一, 萩喬博, 谷口菜津子, 清水健一, 伊佐田朗, 服部健史, 檜澤伸之, 谷口正実, 赤澤晃, 西村正治. 北海道上士幌町における成人喘息、アレルギー性鼻炎有病率の検討 2006 年、2011 年の比較. アレルギー 63(7):928-937, 2014
15. 田原昌浩, 近藤裕也, 横澤将宏, 金子駿太, 坪井洋人, 高橋智, 松本功, 住田孝之. PD-1 欠損 T-bet 発現 CD4+T 細胞による全身性炎症病態の解析. 日本臨床免疫学会会誌 37(4):366, 2014
16. 田中勇希, 松本功, 井上明日香, 梅田直人, 倉島悠子, 川口星美, 住田孝之. HCgp-39 は関節炎において Foxp3+Treg に発現し抗原特異的 Th1 および Th17 を抑制する. 日本臨床免疫学会会誌 37(4):367, 2014
17. 永井恵, 渋谷彰. プライマリマスト細胞の単離と解析. 実験医学別冊 最強のステップ UP シリーズ 直伝！フローサイトメトリー 面白いほど使いこなせる！ :233-242, 2014
18. 檜澤伸之. 【COPD 治療の新時代 21 世紀の「社会的」生活習慣病】COPD トピックス COPD の遺伝研究の最前線. 内科 113(2):241-244, 2014
19. 檜澤伸之. 【COPD 治療のさらなる展開を目指す-ガイドライン第 4 版を巡って】COPD と喘息のオーバーラップを分子レベルから探る. 呼吸と循環 62(2):148-153, 2014
20. 檜澤伸之. 喘息長期管理における LAMA の今後の展望 2 ICS+LABA+LAMA なのか、ICS+LAMA なのか. 吸入療法 6(1):78-82, 2014

21. 檜澤伸之. 長引く咳への対応. 日本耳鼻咽喉科学会会報 117(1):15-19, 2014
22. 廣田智哉, 鈴木豪, 杉原誠人, 梅田直人, 近藤裕也, 坪井洋人, 荻島博, 松本功, 住田孝之. 関節リウマチ患者における手専用 0.3TMRI を用いた生物学的製剤の治療評価. 日本国内科学会雑誌 103(Suppl.):177, 2014
23. 藤山聰, 渋谷彰. 【腸内細菌と疾患】 腸管内真菌と気管支喘息. 医学のあゆみ 251(1):42-48, 2014

### 3) 英文著書

1. Hamada M, Takahashi S. Chapter 25. Functions of the Large Maf Transcription Factors and Macrophages; in "Macrophages: Biology and Role in the Pathology of Diseases (1st edition)" (edited by Biswas SK, Mantovani A), Springer (New York) 2014; pp509-517

### 4) 英文以外の著書

1. 工藤崇, 高橋智. 249巻8号. 血小板減少症を呈するムチンO-結合型糖鎖欠損マウスの解析; "医学のあゆみ(第1版)" 医歯薬出版株式会社(東京) 2014; pp688-692
2. 工藤崇, 高橋智. 第68巻第5号. 巨核球分化におけるムチン型糖鎖修飾の意義; "血液内科(第1版)" 科学評論社(東京) 2014; pp698-703
3. "関節リウマチクリニカルクエストヨン 100(第1版)"(編集 住田孝之), 診断と治療社(東京) 2014
4. 住田孝之. 5-4. これからの治療の展望 "シェーグレン症候群の診断と治療マニュアル(改訂第2版)"(編集 住田孝之, 川上純), 診断と治療社(東京) 2014; pp242-246
5. 住田孝之. シェーグレン症候群; "今日の治療指針 私はこう治療している(2014年版)"(監修 山口徹, 北原光夫, 総編集 福井次矢, 高木誠, 小室一成), 医学書院(東京) 2014; pp793-795
6. 土屋尚之. 環境因子と遺伝因子; "ANCA関連血管炎の診療ガイドライン(2014年改訂版)"(編集 槙野博史, 松尾清一), 厚生労働省 難治性疾患克服研究事業 2014; pp10-14
7. 坪井洋人, 浅島弘充, 住田孝之. 3-7. 自己抗体; "シェーグレン症候群の診断と治療マニュアル(改訂第2版)"(編集 住田孝之, 川上純), 診断と治療社(東京) 2014; pp242-246
8. 濱田理人, 高橋智. 2014年9月号. MafBは悪玉コレステロールによる刺激を伝え, 泡沫細胞の蓄積を促進し動脈硬化の原因となる; "月刊バイオインダストリー(第1版)" シーエムシー出版(東京) 2014; pp19-25

## 腫瘍特異的ヘムーポルフィリン代謝を利用した診断・治療法開発

### 1) 英文論文

1. Ando S, Matsuoka T, Kawai K, Sugita S, Joraku A, Kojima T, Suetomi T, Miyazaki J, Fujita J, Nishiyama H. Expression of the oncoprotein gankyrin and phosphorylated retinoblastoma protein in human testis and testicular germ cell tumor. *Int J Urol* 21(10):992-998, 2014
2. Endo T, Kawai K, Kamba T, Inai H, Uchida K, Miyazaki J, Kamoto T, Ogawa O, Nishiyama H. Risk factors for loss to follow-up during active surveillance of patients with Stage I seminoma. *Jpn J Clin Oncol* 44(4):355-359, 2014
3. Hamada S, Hinotsu S, Kawai K, Yamada S, Narita S, Kamba T, Nishiyama H, Arai Y, Habuchi T, Ogawa O, Kawakami K. Antiemetic efficacy and safety of a combination of palonosetron, aprepitant, and dexamethasone in patients with testicular germ cell tumor receiving 5-day cisplatin-based combination chemotherapy. *Support Care Cancer* 22(8):2161-2166, 2014
4. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
5. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
6. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
7. Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol* 31(3):156-161, 2014
8. Ito H, Matsui H, Tamura M, Majima HJ, Indo HP, Hyodo I. Mitochondrial reactive oxygen species accelerate the expression of heme carrier protein 1 and enhance photodynamic cancer therapy effect. *J Clin Biochem Nutr* 55(1):67-71, 2014
9. Ito H, Tamura M, Matsui H, Majima HJ, Indo HP, Hyodo I. Reactive oxygen species involved cancer cellular specific 5-aminolevulinic acid uptake in gastric epithelial cells. *J Clin Biochem Nutr* 54(2):81-85, 2014
10. Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major

- artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurol Med Chir (Tokyo)* 54(10):832-835, 2014
11. Kimura T, Onozawa M, Miyazaki J, Matsuoka T, Joraku A, Kawai K, Nishiyama H, Hinotsu S, Akaza H. Prognostic impact of young age on stage IV prostate cancer treated with primary androgen deprivation therapy. *Int J Urol* 21(6):578-583, 2014
  12. Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med* 53(18):2149-2152, 2014
  13. Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec type IV, ST8). *J Infect Chemother* 20(10):643-646, 2014
  14. Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant lymphoma in the parasellar region. *Case Rep Med* 2014:747280, 2014
  15. Koizumi C, Suetomi T, Matsuoka T, Ikeda A, Kimura T, Onozawa M, Miyazaki J, Kawai K, Takahashi H, Akaza H, Nishiyama H. Regional difference in cancer detection rate in prostate cancer screening by a local municipality in Japan. *Prostate Int* 2(1):19-25, 2014
  16. Kurobe M, Kawai K, Oikawa T, Ichioka D, Kandori S, Takaoka E, Kojima T, Joraku A, Suetomi T, Miyazaki J, Nishiyama H. Paclitaxel, ifosfamide, and cisplatin (TIP) as salvage and consolidation chemotherapy for advanced germ cell tumor. *J Cancer Res Clin Oncol* doi: 10.1007/s00432-014-1760-x, 2014
  17. Marushima A, Nakai Y, Ikeda G, Tsuruta W, Tsurushima H, Suzuki K, Matsumura A. Cerebro-cardiovascular risk factors are equivalent for retinal ischemia and cerebral ischemia patients with carotid artery stenosis. *Journal of Neurological Disorder and Stroke* 2 1045, 2014
  18. Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int* 5:54, 2014
  19. Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep* 75(1):e67-72, 2014
  20. Matsumura H, Suzuki H, Ito Y, Kino H, Tamai K, Notake S, Nakamura K, Shiigai M, Uemura K, Matsumura A. A case of cavernous sinus thrombosis caused by dialister pneumosintes, slackia exigua, and prevotella baroniae. *JMM Case Rep* 2014 doi: 10.1099/jmmcr.0.002683, 2014
  21. Matsuoka T, Kawai K, Kimura T, Kojima T, Onozawa M, Miyazaki J, Nishiyama H, Hinotsu S, Akaza H. Long-term outcomes of combined androgen blockade therapy in stage IV prostate cancer. *J Cancer Res Clin Oncol* doi: 10.1007/s00432-014-1856-3, 2014
  22. Matsuyama M, Ishii Y, Yageta Y, Ohtsuka S, Ano S, Matsuno Y, Morishima Y, Yoh K, Takahashi S,

- Ogawa K, Hogaboam CM, Hizawa N. Role of Th1/Th17 balance regulated by T-bet in a mouse model of Mycobacterium avium complex disease. *J Immunol* 192(4):1707-1717, 2014
23. Miki T, Kamoi K, Fujimoto H, Kanayama HO, Ohyama C, Suzuki K, Nishiyama H, Eto M, Naito S, Fukumori T, Kubota Y, Takahashi S, Mikami K, Homma Y. Clinical characteristics and oncological outcomes of testicular cancer patients registered in 2005 and 2008: the first large-scale study from the Cancer Registration Committee of the Japanese Urological Association. *Int J Urol* 21(8):S1-6, 2014
24. Nakai K, Yamamoto T, Kumada H, Matsumura A. Boron neutron capture therapy for glioblastoma: A phase-I/II clinical trial at JRR-4. *European Association of Neuro Oncology Magazine* 4:116-123, 2014
25. Nakamura T, Fukiage M, Suzuki Y, Yano I, Miyazaki J, Nishiyama H, Akaza H, Harashima H. Mechanism responsible for the antitumor effect of BCG-CWS using the LEEL method in a mouse bladder cancer model. *J Control Release* 196:161-167, 2014
26. Ohtsuka S, Ishii Y, Matsuyama M, Ano S, Morishima Y, Yanagawa T, Warabi E, Hizawa N. SQSTM1/p62/A170 regulates the severity of Legionella pneumophila pneumonia by modulating inflammasome activity. *Eur J Immunol* 44(4):1084-1092, 2014
27. Okabe S, Okamoto T, Zhao CM, Chen D, Matsui H. Acetic acid induces cell death: an in vitro study using normal rat gastric mucosal cell line and rat and human gastric cancer and mesothelioma cell lines. *J Gastroenterol Hepatol* 29 Suppl 4:65-69, 2014
28. Ota K, Kawaguchi M, Matsukura S, Kurokawa M, Kokubu F, Fujita J, Morishima Y, Huang SK, Ishii Y, Satoh H, Hizawa N. Potential involvement of IL-17F in asthma. *J Immunol Res* 2014:602846, 2014
29. Ryu S, Hashizume Y, Mishima M, Kawamura R, Tamura M, Matsui H, Matsusaki M, Akashi M, Nakamura C. Measurement of cell adhesion force by vertical forcible detachment using an arrowhead nanoneedle and atomic force microscopy. *Biochem Biophys Res Commun* 451(1):107-111, 2014
30. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T, Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
31. Shimada T, Nakayama Y, Harasawa Y, Matsui H, Kobayashi H, Sai Y, Miyamoto K, Tomatsu S, Aburada M. Salacia reticulata has therapeutic effects on obesity. *J Nat Med* 68(4):668-676, 2014
32. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of boron content liposome modified protein-transduction domains for boron neutron capture therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
33. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin*

34. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014(989574), 2014
35. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014
36. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
37. Takaoka E, Miyazaki J, Kimura T, Kojima T, Kawai K, Murata Y, Itoguchi N, Minami Y, Nakamura T, Honda K, Nishiyama H. Concurrent urothelial carcinoma in the renal pelvis of an allograft kidney and native recipient bladder: evidence of donor origin. *Jpn J Clin Oncol* 44(4):366-369, 2014
38. Tamura M, Ito H, Matsui H, Hyodo I. Acetaldehyde is an oxidative stressor for gastric epithelial cells. *J Clin Biochem Nutr* 55(1):26-31, 2014
39. Tamura M, Matsui H, Hirohara S, Kakiuchi K, Tanihara M, Takahashi N, Nakai K, Kanai Y, Watabe H, Hatazawa J. Selective accumulation of [(6)(2)Zn]-labeled glycoconjugated porphyrins as multi-functional positron emission tomography tracers in cancer cells. *Bioorg Med Chem* 22(8):2563-2570, 2014
40. Tamura M, Matsui H, Hyodo I, Tanaka J, Miwa Y. Fluorescence-based co-culture of normal and cancerous cells as an indicator of therapeutic effects in cancer. *Eur J Pharm Sci* 63(1-7), 2014
41. Tamura M, Matsui H, Tomita T, Sadakata H, Indo HP, Majima HJ, Kaneko T, Hyodo I. Mitochondrial reactive oxygen species accelerate gastric cancer cell invasion. *J Clin Biochem Nutr* 54(1):12-17, 2014
42. Tamura M, Yanagawa F, Sugiura S, Takagi T, Sumaru K, Matsui H, Kanamori T. Optical cell separation from three-dimensional environment in photodegradable hydrogels for pure culture techniques. *Sci Rep* 4:4793, 2014
43. Togo Y, Kubo T, Taoka R, Hiyama Y, Uehara T, Hashimoto J, Kurimura Y, Takahashi S, Tsukamoto T, Miyazaki J, Nishiyama H, Kira S, Kiyota H, Yazawa S, Niwa N, Hongo H, Oya M, Kato T, Yasuda M, Deguchi T, Ishikawa K, Hoshinaga K, Matsumoto M, Shigemura K, Tanaka K, Arakawa S, Fujisawa M, Wada K, Uehara S, Watanabe T, Kumon H, Kobayashi K, Matsubara A, Matsumoto M, Sho T, Hamasuna R, Matsumoto T, Hayami H, Nakagawa M, Yamamoto S. Occurrence of infection following prostate biopsy procedures in Japan: Japanese Research Group for Urinary Tract Infection (JRGU) - a multi-center retrospective study. *J Infect Chemother* 20(4):232-237, 2014
44. Tomita T, Sadakata H, Tamura M, Matsui H. Indomethacin-induced generation of reactive oxygen species leads to epithelial cell injury before the formation of intestinal lesions in mice. *J Physiol*

*Pharmacol* 65(3):435-440, 2014

45. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014
46. Uchida M, Kawai K, Kimura T, Ichioka D, Takaoka E, Suetomi T, Miyazaki J, Nishiyama H. Salvage chemotherapy with gemcitabine plus oxaliplatin for patients with testicular germ cell cancer. *Int J Clin Oncol* 19(6):1112-1117, 2014
47. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
48. Vong LB, Yoshitomi T, Morikawa K, Saito S, Matsui H, Nagasaki Y. Oral nanotherapeutics: effect of redox nanoparticle on microflora in mice with dextran sodium sulfate-induced colitis. *J Gastroenterol* 49(5):806-813, 2014
49. Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol* 31(3):182-186, 2014
50. Yageta Y, Ishii Y, Morishima Y, Ano S, Ohtsuka S, Matsuyama M, Takeuchi K, Itoh K, Yamamoto M, Hizawa N. Carbocisteine reduces virus-induced pulmonary inflammation in mice exposed to cigarette smoke. *Am J Respir Cell Mol Biol* 50(5):963-973, 2014
51. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
52. Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot* 88:86-88, 2014
53. Yoshitomi T, Sha S, Vong LB, Chonpathompikunlert P, Matsui H, Nagasaki Y. Indomethacin-loaded redox nanoparticles improve oral bioavailability of indomethacin and suppress its small intestinal inflammation. *Ther Deliv* 5(1):29-38, 2014

## 2) 英文以外の論文

1. 石川仁, 辻比呂志, 加藤弘之, 西山博之, 櫻井英幸. 限局性前立腺がんのテーラーメイド治療戦略を考える 外照射療法 粒子線治療. 泌尿器外科 27(8):1381-1384, 2014
2. 木野弘善, 高野晋吾, 坂本規彰, 石川栄一, 山本哲哉, 松田真秀, 中井啓, 阿久津博義, 野口雅之, 松村明. グリア系腫瘍の免疫染色定量評価. Brain Tumor Pathology 31(Suppl.):081, 2014
3. 黒部匡広, 小島崇宏, 高岡栄一郎, 辻本一平, 目翔太郎, 市岡大士, 神鳥周也, 常樂晃, 末富崇弘,

- 宮崎淳, 河合弘二, 西山博之, 萩谷千裕, 坪井洋人, 住田孝之, 佐藤泰樹, 里見介史, 野口雅之. 腎孟癌との鑑別が困難であった IgG4 関連疾患の 1 例 本邦文献例の検討. 泌尿器外科 27(11):1849-1854, 2014
4. 小松洋治, 木村泰, 平田浩二, 木野弘善, 小磯隆雄, 伊藤嘉朗, 中村和弘, 上村和也, 松村明. 80 歳以上におけるくも膜下出血の治療手禁忌と直達手術適応. 脳卒中の外科 42:247-252, 2014
  5. 坂本規彰, 石川栄一, 山本哲哉, 中井啓, 松田真秀, 里見介史, 高野晋吾, 松村明. 悪性 glioma の再発時病理組織の検討. Brain Tumor Pathology 31(Suppl.):126, 2014
  6. 坂倉和樹, 鮎澤聰, 増田洋亮, 金暎浩, 松村明. 起立性頭痛を呈さなかった特発性髄液圧症候群に伴う両側慢性硬膜下血腫の 1 例. 脳神経外科 42(4):341-345, 2014
  7. 鈴木健嗣, 上野友之, 寺元洋平, 中井啓, 江口清, 鮎澤聰, 日高紀久江, 松村明. 嘸下機能評価のための頸部装着型持続的嘔下モニターの開発. 嘔下医学 3(1):142, 2014
  8. 寺元洋平, 上野友之, 長柄昌浩, 鈴木健嗣, 中井啓, 山本詞子, 富所康志, 玉岡晃, 江口清, 松村明. 進行性球麻痺における嘔下圧および嘔下音の検討. 嘔下医学 3(1):143-144, 2014
  9. 寺元洋平, 上野友之, JayatilakeDushantha, 鈴木健嗣, 中井啓, 日高紀久江, 鮎澤聰, 江口清, 松村明. 嘔下造影検査と高解像度マノメトリーとの同時記録による嘔下音の検討. 嘔下医学 3(2):320, 2014
  10. 西山博之. 膀胱癌・精巣腫瘍. 日本癌治療学会誌 49(2):299-301, 2014
  11. 平田浩二, 小松洋治, 木村泰, 松村明. 教訓的症例に学ぶシリーズ 遺残性原始三叉動脈に両側内頸動脈病変を伴った 1 例. Neurological Surgery 42(6):575-580, 2014
  12. 吉林徹, 林崎規託, 片渕竜也, 三浦邦明, 有富正憲, 山本哲哉. 液体リチウムターゲット加速器 BNCT 照射システムの将来性- $^7\text{Li}(\text{p},\text{n})^7\text{Be}$  しきい値近傍反応中性子の利用-. 気学会論文誌 C (電子・情報・システム部門誌) 134:1406-1413, 2014
  13. 宮崎淳, 高岡栄一郎, 西山博之. 【筋層浸潤膀胱癌における膀胱温存療法の治療戦略】筋層浸潤癌に対する動注化学放射線療法と新しい膀胱温存療法について. 泌尿器外科 27(10):1611-1615, 2014
  14. 村田耕一, 松村明, 五月女康作, 河本浩明, 山海嘉之. ピン刺激と擦過刺激が可能な MRI 対応感覚刺激装置の開発. 日本機械学会論文集 80(13): DR0028, 2014
  15. 山崎友郷, 山本哲哉. 三叉神経痛に対する外科的治療. 茨城県歯科医学会誌 22:3-6, 2014
  16. 渡邊真哉, 阿久津博義, 高野晋吾, 山本哲哉, 石川栄一, 松村明. カベルゴリンによるプロラクチノーマの長期治療成績と再発例の検討. 日本内分泌学会雑誌 90(Suppl.HPT):22-24, 2014

### 3) 英文著書

1. Kawai K, Nishiyama H. 130, Part 18 Rehabilitation and survivorship. Gonadal functions and reproductive health; in "Textbook of Palliative Medicine and Supportive Care (2nd edition)" (edited by Bruera E, Higginson I, von Gunten CF, Morita T), CRC Press (New York) 2015; pp1277-1282

## 次世代型粒子線がん治療の確立研究

### 1) 英文論文

1. Aihara T, Morita N, Kamitani N, Kumada H, Ono K, Hiratsuka J, Harada T. BNCT for advanced or recurrent head and neck cancer. *Appl Radiat Isot* 88:12-15, 2014
2. Akakura K, Tsuji H, Suzuki H, Ichikawa T, Ishikawa H, Okada T, Kamada T, Harada M, Tsujii H, Shimazaki J. Usefulness of J-CAPRA score for high-risk prostate cancer patients treated with carbon ion radiotherapy plus androgen deprivation therapy. *Jpn J Clin Oncol* 44(4):360-365, 2014
3. Alves MR, Yamamoto T, Arias-Carrion O, Rocha NB, Nardi AE, Machado S, Silva AC. Executive function impairments in patients with depression. *CNS Neurol Disord Drug Targets* 13(6):1026-1040, 2014
4. Aoki-Nakano M, Furusawa Y, Uzawa A, Matsumoto Y, Hirayama R, Tsuruoka C, Ogino T, Nishio T, Kagawa K, Murakami M, Kagiya G, Kume K, Hatashita M, Fukuda S, Yamamoto K, Fuji H, Murayama S, Hata M, Sakae T, Matsumoto H. Relative biological effectiveness of therapeutic proton beams for HSG cells at Japanese proton therapy facilities. *J Radiat Res* 55(4):812-815, 2014
5. Aoshiba K, Tsuji T, Itoh M, Semba S, Yamaguchi K, Nakamura H, Watanabe H. A murine model of airway fibrosis induced by repeated naphthalene exposure. *Exp Toxicol Pathol* 66(4):169-177, 2014
6. Araki K, Yamamoto T, Tanaka R, Tanaka S, Ushioda M, Gotoh Y, Yamakawa T, Inoue M. Stereoselective synthesis and physicochemical properties of liquid-crystal compounds possessing a trans-2,5-disubstituted tetrahydropyran ring with negative dielectric anisotropy. *Chemistry* doi: 10.1002/chem.201405495, 2014
7. Dickinson D, Yu H, Ohno S, Thomas C, Derossi S, Ma YH, Yates N, Hahn E, Bisch F, Yamamoto T, Hsu S. Epigallocatechin-3-gallate prevents autoimmune-associated down- regulation of p21 in salivary gland cells through a p53-independent pathway. *Inflamm Allergy Drug Targets* 13(1):15-24, 2014
8. Fujibuchi T, Yonai S, Yoshida M, Sakae T, Watanabe H, Abe Y, Itami J. Measurement of activity distribution using photostimulable phosphor imaging plates in decommissioned 10 MV medical linear accelerator. *Health Phys* 107(2 Suppl 2):S158-162, 2014
9. Fujita R, Tamai K, Aikawa E, Nimura K, Ishino S, Kikuchi Y, Kaneda Y. Endogenous mesenchymal stromal cells in bone marrow are required to preserve muscle function in mdx mice. *Stem Cells* doi: 10.1002/stem.1900, 2014
10. Fukumitsu N, Ishikawa H, Ohnishi K, Terunuma T, Mizumoto M, Numajiri H, Aihara T, Okumura T, Tsuboi K, Sakae T, Sakurai H. Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. *Radiother Oncol* 113(1):72-76, 2014
11. Fushiki H, Murakami Y, Miyoshi S, Nishimura S. PET imaging for tyrosine kinase inhibitor (TKI) biodistribution in mice. *Methods Mol Biol* doi: 10.1007/978-1-4939-1661-0\_15, 2014

12. Hashida N, Nakai K, Nishida K. Diagnostic evaluation of ocular toxocariasis using high-penetration optical coherence tomography. *Case Rep Ophthalmol* 5(1):16-21, 2014
13. Hashida N, Nakai K, Saitoh N, Nishida K. Association between ocular findings and preventive therapy with onset of central nervous system involvement in patients with primary vitreoretinal lymphoma. *Graefes Arch Clin Exp Ophthalmol* 252(4):687-693, 2014
14. Hatanaka Y, Nagahata Y, Muramatsu C, Okumura S, Ogohara K, Sawada A, Ishida K, Yamamoto T, Fujita H. Improved automated optic cup segmentation based on detection of blood vessel bends in retinal fundus images. *Conf Proc IEEE Eng Med Biol Soc* 2014:126-129, 2014
15. Hatta K, Otachi T, Fujita K, Morikawa F, Ito S, Tomiyama H, Abe T, Sudo Y, Takebayashi H, Yamashita T, Katayama S, Nakase R, Shirai Y, Usui C, Nakamura H, Ito H, Hirata T, Sawa Y. Antipsychotic switching versus augmentation among early non-responders to risperidone or olanzapine in acute-phase schizophrenia. *Schizophr Res* 158(1-3):213-222, 2014
16. Hosoya T, Kimura K, Itoh S, Inaba M, Uchida S, Tomino Y, Makino H, Matsuo S, Yamamoto T, Ohno I, Shibagaki Y, Iimuro S, Imai N, Kuwabara M, Hayakawa H. The effect of febuxostat to prevent a further reduction in renal function of patients with hyperuricemia who have never had gout and are complicated by chronic kidney disease stage 3: study protocol for a multicenter randomized controlled study. *Trials* 15:26, 2014
17. Hosoya T, Ohno I, Nomura S, Hisatome I, Uchida S, Fujimori S, Yamamoto T, Hara S. Effects of topiroxostat on the serum urate levels and urinary albumin excretion in hyperuricemic stage 3 chronic kidney disease patients with or without gout. *Clin Exp Nephrol* 18(6):876-884, 2014
18. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
19. Imaeda M, Ishikawa H, Yoshida Y, Takahashi T, Ohkubo Y, Musha A, Komachi M, Nakazato Y, Nakano T. Long-term pathological and immunohistochemical features in the liver after intraoperative whole-liver irradiation in rats. *J Radiat Res* 55(4):665-673, 2014
20. Inoue HK, Sato H, Suzuki Y, Saitoh J, Noda SE, Seto K, Torikai K, Sakurai H, Nakano T. Optimal hypofractionated conformal radiotherapy for large brain metastases in patients with high risk factors: a single-institutional prospective study. *Radiat Oncol* 9:231, 2014
21. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
22. Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the

- pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol* 31(3):156-161, 2014
23. Ishikawa T, Abe S, Inoue R, Sugano T, Watanabe Y, Iwanaga A, Seki K, Honma T, Nemoto T, Takeda K, Yoshida T. Predictive factor of local recurrence after balloon-occluded TACE with miriplatin (MPT) in hepatocellular carcinoma. *PLoS One* 9(7):e103009, 2014
24. Ishikawa T, Kubota T, Abe S, Watanabe Y, Sugano T, Inoue R, Iwanaga A, Seki K, Honma T, Yoshida T. Hepatic arterial infusion chemotherapy with cisplatin before radical local treatment of early hepatocellular carcinoma (JIS score 0/1) improves survival. *Ann Oncol* 25(7):1379-1384, 2014
25. Ito H, Matsushita S, Hyodo K, Tsurushima H, Sato Y, Sakakibara Y. Focusing on delayed clearance for identifying small-sized metastatic lung tumors using synchrotron radiation angiography with a highly sensitive receiver. *Gen Thorac Cardiovasc Surg* 62(9):553-559, 2014
26. Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurol Med Chir (Tokyo)* 54(10):832-835, 2014
27. Itoh M, Tsuji T, Nakamura H, Yamaguchi K, Fuchikami J, Takahashi M, Morozumi Y, Aoshiba K. Systemic effects of acute cigarette smoke exposure in mice. *Inhal Toxicol* 26(8):464-473, 2014
28. Jayatilake D, Suzuki K, Teramoto Y, Ueno T, Nakai K, Hidaka K, Ayuzawa S, Eguchi K, Matsumura A. Swallowscope: A Smartphone based device for the Assessment of Swallowing Ability. *2014 IEEE-EMBS INTERNATIONAL CONFERENCE ON (BHI)* 697-700, 2014
29. Kaburaki T, Namba K, Sonoda KH, Kezuka T, Keino H, Fukuhara T, Kamoi K, Nakai K, Mizuki N, Ohguro N. Behcet's disease ocular attack score 24: evaluation of ocular disease activity before and after initiation of infliximab. *Jpn J Ophthalmol* 58(2):120-130, 2014
30. Kadoya M, Koyama H, Kanzaki A, Kurajoh M, Hatayama M, Shiraishi J, Okazaki H, Shoji T, Moriwaki Y, Yamamoto T, Inaba M, Namba M. Plasma brain-derived neurotrophic factor and reverse dipping pattern of nocturnal blood pressure in patients with cardiovascular risk factors. *PLoS One* 9(8):e105977, 2014
31. Kageji T, Nagahiro S, Mizobuchi Y, Matsuzaki K, Nakagawa Y, Kumada H. Boron neutron capture therapy (BNCT) for newly-diagnosed glioblastoma: comparison of clinical results obtained with BNCT and conventional treatment. *J Med Invest* 61(3-4):254-263, 2014
32. Kaneko N, Mitsuoka K, Amino N, Yamanaka K, Kita A, Mori M, Miyoshi S, Kuromitsu S. Combination of YM155, a survivin suppressant, with bendamustine and rituximab: a new combination therapy to treat relapsed/refractory diffuse large B-cell lymphoma. *Clin Cancer Res* 20(7):1814-1822, 2014
33. Kanemoto A, Hirayama R, Moritake T, Furusawa Y, Sun L, Sakae T, Kuno A, Terunuma T, Yasuoka K, Mori Y, Tsuboi K, Sakurai H. RBE and OER within the spread-out Bragg peak for proton beam

- therapy: in vitro study at the Proton Medical Research Center at the University of Tsukuba. *J Radiat Res* 55(5):1028-1032, 2014
34. Kawamura K, Ichikado K, Suga M, Yoshioka M. Efficacy of azithromycin for treatment of acute exacerbation of chronic fibrosing interstitial pneumonia: a prospective, open-label study with historical controls. *Respiration* 87(6):478-484, 2014
35. Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med* 53(18):2149-2152, 2014
36. Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec type IV, ST8). *J Infect Chemother* 20(10):643-646, 2014
39. Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant lymphoma in the parasellar region. *Case Rep Med* 2014:747280, 2014
- 3: . Konno T, Hayashi K, Fujino N, Nagata Y, Hodatsu A, Masuta E, Sakata K, Nakamura H, Kawashiri MA, Yamagishi M. High sensitivity of late gadolinium enhancement for predicting microscopic myocardial scarring in biopsied specimens in hypertrophic cardiomyopathy. *PLoS One* 9(7):e101465, 2014
- 5; . Maebayashi T, Ishikawa H, Yorozu A, Yoshida D, Katoh H, Nemoto K, Ishihara S, Takemoto S, Ishibashi N, Tokumaru S, Akimoto T. Patterns of practice in the radiation therapy for bladder cancer: survey of the Japanese Radiation Oncology Study Group (JROSG). *Jpn J Clin Oncol* 44(11):1109-1115, 2014
42. Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int* 5:54, 2014
43. Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep* 75(1):e67-72, 2014
44. Matsumoto K, Sugano T, Sato N, Ida T, Shibasaki S. Prediction of clinical bacteriological efficacy of oral antibiotics using a mechanism-based pharmacokinetic-pharmacodynamics modeling. *Jpn J Antibiot* 67(1):33-47, 2014
45. Matsumoto Y, Matsuura T, Wada M, Egashira Y, Nishio T, Furusawa Y. Enhanced radiobiological effects at the distal end of a clinical proton beam: in vitro study. *J Radiat Res* 55(4):816-822, 2014
46. Matsumura A. Fifteenth International Congress on Neutron Capture Therapy. Preface. *Appl Radiat*

47. Matsumura A. Brain tumor pathology. Preface to special edition. *Brain Tumor Pathol* 31(3):155, 2014
48. Matsushima S, Ohtsuka K, Ohnishi H, Fujiwara M, Nakamura H, Morii T, Kishino T, Goto H, Watanabe T. V843I, a lung cancer predisposing EGFR mutation, is responsible for resistance to EGFR tyrosine kinase inhibitors. *J Thorac Oncol* 9(9):1377-1384, 2014
49. Miyatake SI, Arakawa Y, Miwa K, Tsuboi K, Nakamura H, Nagane M, Sugiyama K, Terasaki M, Abe T, Mukasa A, Beppu T, Furuse M. MULTI-CENTER CLINICAL TRIAL OF INTRAVENOUS ADMINISTRATION OF BEVACIZUMAB FOR THE TREATMENT OF RADIATION NECROSIS IN THE BRAIN TO OBTAIN NDA APPLICATION FOR ON LABEL USE IN JAPAN. *NEURO-ONCOLOGY* 16(5):AT-41, 2014
- 4: . Mizumoto M, Oshiro Y, Okumura T, Fukuda K, Fukumitsu N, Abei M, Ishikawa H, Ohnishi K, Numajiri H, Tsuboi K, Sakurai H. Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. *Radiother Oncol* 113(1):54-59, 2014
- 6; . Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol* doi: 10.1016/j.prro.2014.03.012, 2014
52. Morishima A, Hirano T, Nishikawa H, Nakai K, Sakaguchi S, Kumanogoh A. Comprehensive exploration of autoantibody in Behcet's disease: a novel autoantibody to claudin-1, an essential protein for tight junctions, is identified. *Joint Bone Spine* 81(6):546-548, 2014
53. Murata O, Sasaki N, Sasaki M, Kowada K, Ninomiya Y, Oikawa Y, Kobayashi H, Nakamura Y, Yamauchi K. Detection of cerebral microvascular lesions using 7 T MRI in patients with neuropsychiatric systemic lupus erythematosus. *Neuroreport* doi: 10.1097/wnr.0000000000000297, 2014
54. Nakamura H, Ban HS, Shimizu K, Minegishi H, Sato S. Design of Photoaffinity Probe Molecules for Identification and Modification of Target Proteins. *JOURNAL OF PHOTOPOLYMER SCIENCE AND TECHNOLOGY* 27(4):453-458, 2014
55. Nakamura H, Koganei H, Miyoshi T, Sakurai Y, Ono K, Suzuki M. Antitumor effect of boron nitride nanotubes in combination with thermal neutron irradiation on BNCT. *Bioorg Med Chem Lett* doi: 10.1016/j.bmcl.2014.12.005, 2014
56. Nakamura H, Odani T, Shimizu Y, Takeda T, Kikuchi H. Usefulness of tacrolimus for refractory adult-onset still's disease: Report of six cases. *Mod Rheumatol* 1-5, 2014
57. Nakamura H, Tasaki L, Kanoh D, Sato S, Ban HS. Diaryl-substituted ortho-carboranes as a new

- class of hypoxia inducible factor-1alpha inhibitors. *Dalton Trans* 43(13):4941-4944, 2014
58. Nakamura M, Yamagishi M, Ueno T, Hara K, Ishiwata S, Itoh T, Hamanaka I, Wakatsuki T, Sugano T, Kawai K, Akasaka T, Tanaka N, Kimura T. Prevalence of visual-functional mismatch regarding coronary artery stenosis in the CVIT-DEFER registry. *Cardiovasc Interv Ther* 29(4):300-308, 2014
59. Nakamura M, Yamagishi M, Ueno T, Hara K, Ishiwata S, Itoh T, Hamanaka I, Wakatsuki T, Sugano T, Kawai K, Akasaka T, Tanaka N, Kimura T. Modification of treatment strategy after FFR measurement: CVIT-DEFER registry. *Cardiovasc Interv Ther* doi: 10.1007/s12928-014-0266-4, 2014
- 5: . Nakamura T, Sugano T, Usami H, Wakabayashi K, Ohnishi H, Sekino T, Yatani H. Shear bond strength of veneering porcelain to porous zirconia. *Dent Mater J* 33(2):220-225, 2014
- 7; . Noguchi-Shinohara M, Yuki S, Dohmoto C, Ikeda Y, Samuraki M, Iwasa K, Yokogawa M, Asai K, Komai K, Nakamura H, Yamada M. Consumption of green tea, but not black tea or coffee, is associated with reduced risk of cognitive decline. *PLoS One* 9(5):e96013, 2014
62. Nomura A, Konno T, Fujita T, Tanaka Y, Nagata Y, Tsuda T, Hodatsu A, Sakata K, Nakamura H, Kawashiri MA, Fujino N, Yamagishi M, Hayashi K. Fragmented QRS predicts heart failure progression in patients with hypertrophic cardiomyopathy. *Circ J* doi: 10.1253/circj.CJ-14-0822, 2014
63. Ohkawa A, Mizumoto M, Ishikawa H, Abei M, Fukuda K, Hashimoto T, Sakae T, Tsuboi K, Okumura T, Sakurai H. Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. *J Gastroenterol Hepatol* doi: 10.1111/jgh.12843, 2014
64. Ohno T, Oshiro Y, Mizumoto M, Numajiri H, Ishikawa H, Okumura T, Terunuma T, Sakae T, Sakurai H. Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer. *J Radiat Res* doi: 10.1093/jrr/rru082, 2014
65. Okamoto E, Ishikawa E, Yamamoto T, Matsuda M, Nakai K, Matsushita A, Masuda Y, Akutsu H, Ayuzawa S, Sakamaki F, Matsumoto Y, Matsumura A. Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. *Clin Neurophysiol* doi: 10.1016/j.clinph.2014.10.005, 2014
66. Oshiro Y, Okumura T, Kurishima K, Homma S, Mizumoto M, Ishikawa H, Onizuka M, Sakai M, Goto Y, Hizawa N, Sato Y, Sakurai H. High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. *J Radiat Res* 55(5):959-965, 2014
67. Oyanagi H, Orimoto Y, Hayakawa K, Hatada K, Sun Z, Zhang L, Yamashita K, Nakamura H, Uehara M, Fukano A, Maeda H. Nanoclusters synthesized by synchrotron radiolysis in concert with wet chemistry. *Sci Rep* 4:7199, 2014
68. Palmieri B, Yamamoto T, Brewster RC, Safran SA. Line active molecules promote inhomogeneous

- structures in membranes: theory, simulations and experiments. *Adv Colloid Interface Sci* 208:58-65, 2014
69. Ritch R, Darbro B, Menon G, Khanna CL, Solivan-Timpe F, Roos BR, Sarfarzi M, Kawase K, Yamamoto T, Robin AL, Lotery AJ, Fingert JH. TBK1 gene duplication and normal-tension glaucoma. *JAMA Ophthalmol* 132(5):544-548, 2014
- 6: . Saito Y, Matsuzaki Y, Honda A, Iwamoto J, Ikegami T, Chiba T, Sugahara S, Okumura T, Tsujii H, Doy M. Post-therapeutic needle biopsy in patients with hepatocellular carcinoma is a useful tool to evaluate response to proton irradiation. *HEPATOLOGY RESEARCH* 44(4):403-409, 2014
69. Sasaki H, Toyomura K, Matsuzaki W, Okamoto A, Yamaguchi N, Nakamura H, Murayama T. Regulation of alkaline ceramidase activity by the c-Src-mediated pathway. *Arch Biochem Biophys* 550-551:12-19, 2014
70. Sato S, Morita K, Nakamura H. Regulation of target protein knockdown and labeling using ligand-directed Ru(bpy)3 photocatalyst. *Bioconjug Chem* doi: 10.1021/bc500518t, 2014
71. Sugawara K, Mizumoto M, Numajiri H, Ohno T, Ohnishi K, Ishikawa H, Okumura T, Sakurai H. Proton beam therapy for a patient with a giant thymic carcinoid tumor and severe superior vena cava syndrome. *Rare Tumors* 6(2):5177, 2014
72. Sugiishi T, Nakamura H. Reactivity of Propargylic Amines in the Presence of Transition Metals. *JOURNAL OF SYNTHETIC ORGANIC CHEMISTRY* 72(6):654-665, 2014
73. Sun L, Mizuno Y, Iwamoto M, Goto T, Koguchi Y, Miyamoto Y, Tsuboi K, Chida K, Moritake T. Direct measurement of a patient's entrance skin dose during pediatric cardiac catheterization. *J Radiat Res* 55(6):1122-1130, 2014
74. Tachikawa S, El-Zaria ME, Inomata R, Sato S, Nakamura H. Synthesis of protoporphyrin-lipids and biological evaluation of micelles and liposomes. *Bioorg Med Chem* 22(17):4745-4751, 2014
75. Tachikawa S, Miyoshi T, Koganei H, El-Zaria ME, Vinas C, Suzuki M, Ono K, Nakamura H. Spermidinium closo-dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. *Chem Commun (Camb)* 50(82):12325-12328, 2014
76. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014
77. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014:989574, 2014
78. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014

79. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
80. Takeuchi M, Kezuka T, Sugita S, Keino H, Namba K, Kaburaki T, Maruyama K, Nakai K, Hijioka K, Shibuya E, Komae K, Hori J, Ohguro N, Sonoda KH, Mizuki N, Okada AA, Ishibashi T, Goto H, Mochizuki M. Evaluation of the long-term efficacy and safety of infliximab treatment for uveitis in Behcet's disease: a multicenter study. *Ophthalmology* 121(10):1877-1884, 2014
81. Takeuchi S, Seike M, Noro R, Soeno C, Sugano T, Zou F, Uesaka H, Nishijima N, Matsumoto M, Minegishi Y, Kubota K, Gemma A. Significance of osteopontin in the sensitivity of malignant pleural mesothelioma to pemetrexed. *Int J Oncol* 44(6):1886-1894, 2014
82. Tanaka Y, Takeuchi T, Yamanaka H, Nakamura H, Toyoizumi S, Zwillich S. Efficacy and safety of tofacitinib as monotherapy in Japanese patients with active rheumatoid arthritis: a 12-week, randomized, phase 2 study. *Mod Rheumatol* doi: 10.3109/14397595.2014.995875, 2014
83. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014
84. Tsuji T, Yamaguchi K, Kikuchi R, Itoh M, Nakamura H, Nagai A, Aoshiba K. Promotion of adipogenesis by an EP2 receptor agonist via stimulation of angiogenesis in pulmonary emphysema. *Prostaglandins Other Lipid Mediat* 112:9-15, 2014
85. Uchihori H, Nakai K, Ikuno Y, Gomi F, Hashida N, Jo Y, Nishida K. Choroidal observations in posterior scleritis using high-penetration optical coherence tomography. *Int Ophthalmol* 34(4):937-943, 2014
86. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
87. Ueno C, Gomi F, Ikuno Y, Nakai K, Sawa M, Nishida K. Choroidal thickness in eyes with tilted disk syndrome. *Retina* 34(3):497-503, 2014
88. Verdia-Baguena C, Alcaraz A, Aguilella VM, Cioran AM, Tachikawa S, Nakamura H, Teixidor F, Vinas C. Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. *Chem Commun (Camb)* 50(51):6700-6703, 2014
89. Watanabe H, Uruma T, Nakamura H, Aoshiba K. The role of Mycoplasma pneumoniae infection in the initial onset and exacerbations of asthma. *Allergy Asthma Proc* 35(3):204-210, 2014
90. Watanabe S, Yamamoto M, Sato Y, Kawabe T, Higuchi Y, Kasuya H, Yamamoto T, Matsumura A, Barfod BE. Stereotactic radiosurgery for brain metastases: a case-matched study comparing treatment results for patients 80 years of age or older versus patients 65-79 years of age. *J Neurosurg*

121(5):1148-1157, 2014

91. Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol* 31(3):182-186, 2014
92. Wollenhaupt J, Silverfield J, Lee EB, Curtis JR, Wood SP, Soma K, Nduaka CI, Benda B, Gruben D, Nakamura H, Komuro Y, Zwillich SH, Wang L, Riese RJ. Safety and efficacy of tofacitinib, an oral janus kinase inhibitor, for the treatment of rheumatoid arthritis in open-label, longterm extension studies. *J Rheumatol* 41(5):837-852, 2014
93. Xue L, Furusawa Y, Okayasu R, Miura M, Cui X, Liu C, Hirayama R, Matsumoto Y, Yajima H, Yu D. The complexity of DNA double strand break is a crucial factor for activating ATR signaling pathway for G2/M checkpoint regulation regardless of ATM function. *DNA Repair (Amst)* doi: 10.1016/j.dnarep.2014.11.004, 2014
94. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
95. Yamane S, Kanno T, Nakamura H, Fujino H, Murayama T. Hydrogen sulfide-mediated regulation of contractility in the mouse ileum with electrical stimulation: roles of L-cysteine, cystathionine beta-synthase, and K<sup>+</sup> channels. *Eur J Pharmacol* 740:112-120, 2014
96. Yanase M, Kato K, Yoshizawa K, Noguchi N, Kitahara H, Nakamura H. Prognostic value of vascular endothelial growth factors A and C in oral squamous cell carcinoma. *J Oral Pathol Med* 43(7):514-520, 2014
97. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Coprecipitation of DNA-lipid complexes with apatite and comparison with superficial adsorption for gene transfer applications. *J Biomater Appl* 28(6):937-945, 2014
98. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Improved gene transfer efficiency of a DNA-lipid-apatite composite layer by controlling the layer molecular composition. *Colloids Surf B Biointerfaces* 122:465-471, 2014

## 2) 英文以外の論文

1. 布施拓, 榎武二, 照沼利之, 神澤聰, 濑川達矢, 吉村洋祐, 山梨宏一, 佐藤勝, 櫻井英幸. 陽子線治療装置におけるアイソセンタ検証ツールの使用経験. 医学物理 33(4):166-170, 2014
2. 熊田博明. 加速器ベース BNCT 治療装置の開発における PHITS 技術の適用. RIST NEWS 56:14-24, 2014
3. 石川仁, 中山優子, 大西かよ子, 奥村敏之, 野中哲生, 櫻井英幸. 荷電粒子線治療 陽子線と重粒子線. 腫瘍内科 13(1):101-109, 2014

4. 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本斉志, 沼尻晴子, 坪井康次, 櫻井英幸. 【肝がん: 診断と治療の進歩】治療法の進歩 肝がんの放射線治療. 日本国内科学会雑誌 103(1):116-122, 2014
5. 西村伸太郎. 日本における分子イメージングの今後 陽電子断層撮像法(PET)の医薬品研究開発応用. 日本放射線技術学会雑誌 70(1):76-78, 2014
6. 松原鉄平, 井原哲, 相山仁, 榎本貴夫, 松村明. 直腸から直接感染が波及し脊髄膿瘍を来たしたクラリーノ症候群の新生児例. 小児の脳神経 38(3):295-298, 2014
7. 櫻井英幸. 陽子線・粒子線治療の進歩と将来. 日本産科婦人科学会雑誌 66(2):386, 2014
8. 神谷伸彦, 小西圭, 余田栄作, 平塚純一, 栗飯原輝人. ホウ素中性子捕捉療法(BNCT)が著効した無色素性悪性黒色腫の1例. Japanese Journal of Radiology 32(Suppl.):67, 2014
9. 細尾久幸, 井原哲, 室井愛, 松村明. 頸胸椎にわたる軟膜下脂肪腫を認めたencephalocraniocutaneous lipomatosisの1例. 小児の脳神経 38(3):289-294, 2014
10. 三好莊介. 医薬品開発における分子イメージング技術の導入. 薬学雑誌 134(4):465-472, 2014
11. 坂倉和樹, 鮎澤聰, 増田洋亮, 金暎浩, 松村明. 起立性頭痛を呈さなかった特発性低髄液圧症候群に伴う両側性慢性硬膜下血腫の1例. Neurological Surgery 42(4):341-345, 2014
12. 加沼玲子, 栗飯原輝人, 水本斉志, 渡辺正人, 大西かよ子, 石川仁, 櫻井英幸. 直腸癌治療後口腔内転移に対し放射線治療を施行した男性の一症例. 頭頸部癌 40(2):159, 2014
13. 大西かよ子, 栗飯原輝人, 石川仁, 和田哲郎, 水本斉志, 沼尻晴子, 福光延吉, 奥村敏之, 原晃, 櫻井英幸. 中・下咽頭癌の放射線治療成績. 頭頸部癌 40(2):258, 2014
14. 杉井成志, 松田真秀, 里見介史, 石川栄一, 山本哲哉, 阿久津博義, 坂本規彰, 高野晋吾, 濵谷誠, 松村明. 放射線治療の44年後に出現・急速な増大を示した血管肉腫の1例. Brain Tumor Pathology 31(Suppl.):148, 2014
15. 田中圭一, 栗飯原輝人, 熊田博明, 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本斉志, 沼尻晴子, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 筑波大学におけるBNCT臨床研究再開計画について. 頭頸部癌 40(2):225, 2014
16. 栗飯原輝人, 和田哲郎, 石川仁, 大西かよ子, 田渕経司, 福光延吉, 奥村敏之, 原晃, 櫻井英幸. 当院における進行中・下咽頭癌における術前化学放射線療法に対する病理学的効果の検討. 頭頸部癌 40(2):226, 2014
17. 栗飯原輝人, 和田哲郎, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斉志, 沼尻晴子, 熊田博明, 平塚純一, 原晃, 櫻井英幸. 頭頸部進行がん新鮮例に対する新規粒子線治療の可能性 硼素中性子捕捉療法に対する筑波大学の取り組みと今後の展望. 茨城県立病院医学雑誌 30(2):28, 2014
18. 鈎持明, 久倉勝治, 寺島秀夫, 明石義正, 櫻井英幸, 大河内信弘. スペーサー挿入術により消化管が近接する腫瘍に陽子線治療を施行した6例. 日本臨床外科学会雑誌 75(5):1164-1168,

2014

19. 兼安祐子, 藤原久也, 西村哲夫, 大野達也, 櫻井英幸, 楠本智子, 生島仁史, 宇野隆, 播磨洋子, 徳丸直郎, 五味弘道, 戸板孝文, 喜多みどり, 中野隆史, 高橋健夫, 加藤眞吾, 新部譲, 野田真永, 清原浩樹, 永田靖. 子宮頸癌治療後の QOL に関する多施設共同調査(第二報) 放射線療法群と手術療法群の比較. 日本婦人科腫瘍学会雑誌 32(3):513, 2014
20. 川原正寛, 河村英将, 加藤弘之, 村田和俊, 久保亘輝, 神沼拓也, 石川仁, 松井博, 伊藤一人, 鈴木和浩, 大野達也, 中野隆史. 重粒子線単独治療を行った前立腺癌症例における治療後 1 年間の PSA 値の変化. 日本癌治療学会誌 49(3):2255, 2014
21. 櫻井英幸, 沼尻晴子, 室伏景子, 大川綾子, 水本斎志, 大西かよ子, 栗飯原輝人, 福光延吉, 石川仁, 奥村敏之. 婦人科がん放射線治療の最新知見 陽子線治療の概要と婦人科腫瘍への応用. 日本婦人科腫瘍学会雑誌 32(3):399, 2014
22. 石川仁, 奥村敏之, 水本斎志, 大西かよ子, 菅原香織, 牧島弘和, 大野豊然貴, 森脇俊和, 兵頭一介, 久倉勝治, 田村孝史, 寺島秀人, 大河内信弘, 橋本孝之, 櫻井英幸. 食道がん治療戦略の Up to Date 食道癌の化学放射線療法と陽子線治療の役割. 日本癌治療学会誌 49(3):770, 2014
23. 栗飯原輝人, 森田倫正, 神谷伸彦, 熊田博明, 大西かよ子, 鈴木実, 平塚純一, 櫻井英幸, 原田保. BNCT による頭頸部癌治療と頸動脈破裂症候群 BNCT を安全に行うために. 耳鼻咽喉科臨床 補冊 139:143, 2014
24. 栗飯原輝人, 熊田博明, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斎志, 沼尻晴子, 田中圭二, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 頭頸部がんに対するホウ素中性子捕捉療法の現状. 日本癌治療学会誌 49(3):2707, 2014
25. 三好莊介. 創薬研究におけるイメージング技術の利用動向. Bio industry / シーエムシー出版 編 31(7):3-9, 2014
26. 室伏景子, 沼尻晴子, 櫻井英幸. 【Women's Imaging 2014<Vol.9>Breast Imaging モダリティの進歩から見る乳がん画像診断のこれから】 乳がん診療のトピックス 放射線治療の最新動向. INNERVISION 29(8):61-64, 2014
27. 小松洋治, 木村泰, 平田浩二, 木野弘善, 小磯隆雄, 伊藤嘉郎, 中村和弘, 上村和也, 松村明. 【80 歳以上の人も膜下出血】 80 歳以上におけるくも膜下出血の治療転帰と直達手術適応. 脳卒中の外科 42(4):247-252, 2014
28. 井垣浩, 櫻井英幸. 【肝癌治療のエビデンスとガイドライン】 エビデンスの検証とガイドライン 肝癌に対する放射線治療. 外科 76(8):877-881, 2014
29. 加藤弘之, 河村英将, 村田和俊, 神沼拓也, 石川仁, 松井博, 伊藤一人, 鈴木和浩, 大野達也, 中野隆史. 重粒子線単独治療を行った前立腺癌症例における治療後 1 年間の PSA 値の変化. 泌尿器外科 27(8):1361-1363, 2014
30. 山内将哉, 本多典広, 間久直, 立川将士, 中村浩之, 金田安史, 栗津邦男. 非ウイルスベクターとプロトポルフィリン IX 脂質を用いた抗がん剤耐性前立腺がん細胞への新規光線力学療

法. 日本レーザー医学会誌 35(2):244, 2014

31. 熊田博明. 次世代がん放射線治療 : BNCT の確立に向けて. 長瀬ランダウア「NL だより」 440(8):1, 2014
32. 石川仁, 辻比呂志, 加藤弘之, 西山博之, 櫻井英幸. 限局性前立腺がんのテーラーメイド治療 戰略を考える 外照射療法 粒子線治療. 泌尿器外科 27(8):1381-1384, 2014
33. 中村浩之, 守谷頼, 古賀貴亮. ラシュバ効果の新展開 : InGaAs から SrTiO<sub>3</sub>まで. 固体物理 49(9):519-532, 2014
34. 寺嶋廣美, 大栗隆行, 今田肇, 藤内祝, 櫻井英幸, 武田力, 照沼裕, 谷川啓史, 近藤元治, 田中良明, 大西武雄, 日本ハイパーサーミア学会、健保、保険点数改定委員会. ハイパーサーミア現況調査(2012)報告書. Thermal Medicine 30(3):(89)-(98), 2014
35. 山梨宏一, 熊田博明, 高田健太, 小滝幸平, 纈纈純一, 榮武二. BNCT 治療計画システムの線量計算に使用するヒストリ数の検証. 日本放射線技術学会雑誌 70(9):969, 2014
36. 櫻井英幸. レクチャーシリーズ 腫瘍 陽子線・粒子線治療の進歩と将来. 日本産科婦人科学会雑誌 66(9):2062-2065, 2014
37. 沼尻晴子, 室伏景子, 大西かよ子, 水本斉志, 福光延吉, 粟飯原輝人, 石川仁, 奥村敏之, 櫻井英幸. 【肝がん患者の治療とケア】 肝がんの治療法を知る 肝細胞がんの陽子線治療. がん看護 19(6):568-570, 2014
38. 渡邊真哉, 阿久津博義, 高野晋吾, 山本哲哉, 石川栄一, 松村明. カベルゴリンによるプロラクチノーマの長期治療成績と再発例の検討. 日本内分泌学会雑誌 90(Suppl.HPT):22-24, 2014
39. 石田真也, 木村雅司, 佐藤勝, 宮本俊男, 吉村洋祐, 山梨宏一, 榮武二. 筑波大学における陽子線治療用 CT 値-水等価厚変換テーブルの作成. 日本放射線技術学会雑誌 70(9):974-975, 2014
40. 福田邦明, 安部井誠人, 櫻井英幸. 進行肝癌の集学的治療 予後と QOL の観点から 高度進行肝細胞癌の集学的治療における陽子線治療の役割. 肝臓 55(Suppl.2):A542, 2014
41. 立川将士, 中村浩之. がん光線力学療法のための DDS 薬剤の開発 : ポルフィリン脂質の開発とナノキャリアへの応用. 光アライアンス 25(9):42354 2014
42. 粟津邦男, 金田安史, 他山. 薬剤耐性前立腺がん細胞への PDT の検討 : 非ウイルスベクターと PpIX 脂質を用いた新規光感受性薬剤の開発. 光アライアンス 25(9):17-22, 2014
43. 粟飯原輝人, 川端信司. 硼素中性子捕捉療法による治療症例 手術不能耳下腺進行癌に硼素中性子捕捉療法が非常に有効であった症例. PET Journal 27:11-13, 2014
44. 長谷川直之, 安部井誠人, 石毛和紀, 福田邦明, 櫻井英幸, 兵頭一之介. 門脈腫瘍栓を伴った高度進行肝細胞癌に対する陽子線照射・ソラフェニブ併用の治療経験. 日本消化器病学会雑誌 111(臨増大会):A940, 2014
45. 大西かよ子, 奥村敏之, 石川仁, 大城佳子, 櫻井英幸. 体幹部定位照射における肺線量の陽子線と X 線の比較. 肺癌 54(5):548, 2014
46. 山内将哉, 稲井瑞穂, 本多典広, 間久直, 立川将士, 中村浩之, 金田安史, 粟津邦男. 非ウイルス

ベクターを用いた薬剤耐性前立腺がんへの PDT における最適な薬剤調整条件の検討. 日本  
レーザー医学会誌 35(3):368, 2014

47. 熊田博明. 次世代のがん放射線治療 BNCT の確立に向けて. CROSS T&T 48:19-22, 2014
48. 石川仁, 大西かよ子, 奥村敏之, 大城佳子, 水本斉志, 櫻井英幸. 肺がんに対する高精度放射線  
治療の標準化に向けて 粒子線治療. 肺癌 54(5):281, 2014
49. 福田邦明, 安部井誠人, 櫻井英幸. 肝がんの診断と治療の進歩 肝がん高齢化時代における陽  
子線治療の役割. 肝臓 55(Suppl.3):A722, 2014
50. 穂坂翔, 城戸崇祐, 八牧愉二, 福島絃子, 小林千恵, 福島敬, 小野健太郎, 新開統子, 増本幸二,  
田中圭一, 水本斉志, 櫻井英幸, 須磨崎亮. Avoiding testical exposure from abdominal irradiation  
in a case with wandering testes. 日本小児血液・がん学会雑誌 51(4):339, 2014
51. 櫻井英幸, 石川仁, 福光延吉, 粿飯原輝人, 大西かよ子, 水本斉志, 室伏景子, 沼尻晴子, 大城佳子,  
林靖孝, 奥村敏之, 榎武二, 坪井康次. 【外科切除適応の境界領域-Borderline resectable  
cancerへの対応】 診断/術前療法 難治性腫瘍における術前(化学)放射線治療の意義 外科  
をサポートするための周術期放射線治療を目指して. 臨床外科 69(12):1310-1314, 2014
52. 飯島淳也, 山縣憲司, 後藤卓也, 伊藤寛之, 長谷川正午, 柳川徹, 武川寛樹, 石川仁, 櫻井英幸,  
寺邊健人. 上顎に生じたエナメル上皮癌の1例. 千葉医学雑誌 90(6):237, 2014
53. Fukumitsu N, Okumura T, Ishikawa H, Ohnishi K, Mizumoto M, Numajiri H, Tsuboi K, Sakurai H.  
[Liver cancer: progress in diagnosis and treatments. Topics: VI. Progress in treatments of liver  
cancer; 7. Radiotherapy of liver cancer]. *Nihon Naika Gakkai Zasshi* 103(1):116-122, 2014
54. Hirata K, Komatsu Y, Kimura H, Matsumura A. [Bilateral internal carotid artery lesions associated  
with persistent primitive trigeminal artery]. *No Shinkei Geka* 42(6):575-580, 2014
55. Miyoshi S. [Challenges of imaging as a biomarker in drug research and drug]. *Yakugaku Zasshi*  
134(4):465-472, 2014
56. Nakai K, Matsumura A. [Application of robotics for neurosurgical rehabilitation]. *No Shinkei Geka*  
42(7):605-613, 2014
57. Nishimura S. [Research and development of radiopharmaceuticals for PET scan]. *Nihon Hoshasen  
Gijutsu Gakkai Zasshi* 70(1):76-78, 2014
58. Sakakura K, Ayuzawa S, Masuda Y, Kin H, Matsumura A. [A case of bilateral chronic subdural  
hematoma due to spontaneous intracranial hypotension without orthostatic headache]. *No Shinkei  
Geka* 42(4):341-345, 2014

### 3) 英文著書

1. Kumada H. Volume8. Section 8.13 Nuetron Source; in "Comprehensive Biomedical Physics (1st  
edition)" (edited by Brahme A), Elsevier B.V. (Netherlands) 2014; pp197-217
2. Sakurai H, Okumura T, Fukumitsu N, Ishikawa H, Ohnishi K, Mizumoto M, Terunuma T, Kumada H,

Sakae T. 7. Proton Beam Therapy for Hepatocellular Carcinoma; in "Thearapy for Hepatocellular Carcinoma Etiology and Treatment (1st edition)" (edited by Ohkohchi N), Nova Science Publishhers (New York) 2014; pp243-308

4) 英文以外の著書

1. 石川仁. 16. 米国の放射線治療と研究の体験; "放射線科診療にみる医学留学へのパスポートシリーズ日米医学交流 No.14" (編集 財団法人日米医学医療交流財団), はる書房 (東京) 2014; pp211-229
2. 熊田博明. 第IV分冊. 3 章放射線利用・研究炉 3.2.5 BNCT 用ビームの取出し、照射設備; "原子力・量子・核融合事典 (全VI分冊)" (編集 工藤和彦, 他), 丸善出版 (東京) 2014; pp138-139
3. 武田篤也, 櫻井英幸, 佐貫直子, 奥村敏之, 西村修一. 2. 肝癌に対する多様化する放射線治療; "肝疾患 review 2014-2015 (第1版)" (監修 小俣政男, 編集 椎名秀一朗, 坂本直哉, 丸澤宏之), 日本メディカルセンター (東京) 2014; pp151-157
4. "若葉マークの画像解剖学(第2版)" (監修 松村明, 阿武泉, 編集 磯辺智範), メジカルビュー社 (東京) 2014

## ゲノム医学

### 1) 英文論文

1. Ballantyne KN, Ralf A, Aboukhalid R, Achakzai NM, Anjos MJ, Ayub Q, Balazic J, Ballantyne J, Ballard DJ, Berger B, Bobillo C, Bouabdellah M, Burri H, Capal T, Caratti S, Cardenas J, Cartault F, Carvalho EF, Carvalho M, Cheng B, Coble MD, Comas D, Corach D, D'Amato ME, Davison S, de Knijff P, De Ungria MC, Decorte R, Dobosz T, Dupuy BM, Elmaghni S, Gliwinski M, Gomes SC, Grol L, Haas C, Hanson E, Henke J, Henke L, Herrera-Rodriguez F, Hill CR, Holmlund G, Honda K, Immel UD, Inokuchi S, Jobling MA, Kaddura M, Kim JS, Kim SH, Kim W, King TE, Klausriegler E, Kling D, Kovacevic L, Kovatsi L, Krajewski P, Kravchenko S, Larmuseau MH, Lee EY, Lessig R, Livshits LA, Marjanovic D, Minarik M, Mizuno N, Moreira H, Morling N, Mukherjee M, Munier P, Nagaraju J, Neuhuber F, Nie S, Nilasitsataporn P, Nishi T, Oh HH, Olofsson J, Onofri V, Palo JU, Pamjav H, Parson W, Petlach M, Phillips C, Ploski R, Prasad SP, Primorac D, Purnomo GA, Purps J, Rangel-Villalobos H, Rebala K, Rekamnuaychoke B, Gonzalez DR, Robino C, Roewer L, Rosa A, Sajantila A, Sala A, Salvador JM, Sanz P, Schmitt C, Sharma AK, Silva DA, Shin KJ, Sijen T, Sirker M, Sivakova D, Skaro V, Solano-Matamoros C, Souto L, Stenzl V, Sudoyo H, Syndercombe-Court D, Tagliabuksi A, Taylor D, Tillmar A, Tsybovsky IS, Tyler-Smith C, van der Gaag KJ, Vanek D, Volgyi A, Ward D, Willemse P, Yap EP, Yong RY, Pajnic IZ, Kayser M. Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. *Hum Mutat* 35(8):1021-1032, 2014
2. Dang TN, Naka I, Sa-Ngasang A, Anantapreecha S, Chanama S, Wichukchinda N, Sawanpanyalert P, Patarapotikul J, Tsuchiya N, Ohashi J. A replication study confirms the association of GWAS-identified SNPs at MICB and PLCE1 in Thai patients with dengue shock syndrome. *BMC Med Genet* 15:58, 2014
3. Doki K, Sekiguchi Y, Kuga K, Aonuma K, Kohda Y, Homma M. Stereoselective analysis of flecainide enantiomers using reversed-phase liquid chromatography for assessing CYP2D6 activity. *Biomed Chromatogr* 28(9):1193-1198, 2014
4. Endo S, Saito R, Ochi D, Yamada T, Hirose M, Hiroshima Y, Yamamoto Y, Ueno T, Hasegawa N, Moriwaki T, Narasaka T, Kaneko T, Fukuda K, Suzuki H, Mizokami Y, Hyodo I. Effectiveness of an endoscopic biopsy procedure using EUS-FNA and EMR-C for diagnosing adenocarcinoma arising from ectopic pancreas: two case reports and a literature review. *Intern Med* 53(10):1055-1062, 2014
5. Fujita A, Ishibe N, Yoshihara T, Ohashi J, Makino H, Ikeda M, Setoguchi H. Rapid reversal of neuromuscular blockade by sugammadex after continuous infusion of rocuronium in patients with liver dysfunction undergoing hepatic surgery. *Acta Anaesthesiol Taiwan* 52(2):54-58, 2014
6. Furukawa H, Kawasaki A, Oka S, Ito I, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Kondo Y, Ito S, Hayashi T, Matsumoto I, Kusaoi M, Amano H, Nagai T, Hirohata S, Setoguchi K, Kono H, Okamoto A, Chiba N, Suematsu E, Katayama M, Migita K, Suda A, Ohno S, Hashimoto H,

- Takasaki Y, Sumida T, Nagaoka S, Tsuchiya N, Tohma S. Human leukocyte antigens and systemic lupus erythematosus: a protective role for the HLA-DR6 alleles DRB1\*13:02 and \*14:03. *PLoS One* 9(2):e87792, 2014
7. Furukawa H, Oka S, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Miyashita T, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. HLA-DRB1\*08:02 Is Associated with Bucillamine-Induced Proteinuria in Japanese Rheumatoid Arthritis Patients. *Biomark Insights* 9:23-28, 2014
  8. Gazal S, Sacre K, Allanore Y, Teruel M, Goodall AH, Tohma S, Alfredsson L, Okada Y, Xie G, Constantin A, Balsa A, Kawasaki A, Nicaise P, Amos C, Rodriguez-Rodriguez L, Chiocchia G, Boileau C, Zhang J, Vittecoq O, Barnetche T, Gay MA, Furukawa H, Cantagrel A, Le Loet X, Sumida T, Hurtado-Nedelec M, Richez C, Chollet-Martin S, Schaeverbeke T, Combe B, Khoryati L, Coustet B, El-Benna J, Siminovitch K, Plenge R, Padyukov L, Martin J, Tsuchiya N, Dieude P. Identification of secreted phosphoprotein 1 gene as a new rheumatoid arthritis susceptibility gene. *Ann Rheum Dis* doi: 10.1136/annrheumdis-2013-204581, 2014
  9. Hawlader MD, Ma E, Noguchi E, Itoh M, Arifeen SE, Persson LA, Moore SE, Raqib R, Wagatsuma Y. Ascaris lumbricoids Infection as a Risk Factor for Asthma and Atopy in Rural Bangladeshi Children. *Trop Med Health* 42(2):77-85, 2014
  10. Hirai S, Endo S, Saito R, Hirose M, Ueno T, Suzuki H, Yamato K, Abei M, Hyodo I. Antitumor effects of a sirtuin inhibitor, tenovin-6, against gastric cancer cells via death receptor 5 up-regulation. *PLoS One* 9(7):e102831, 2014
  11. Hirose M, Yamato K, Endo S, Saito R, Ueno T, Hirai S, Suzuki H, Abei M, Natori Y, Hyodo I. MDM4 expression as an indicator of TP53 reactivation by combined targeting of MDM2 and MDM4 in cancer cells without TP53 mutation. *Oncoscience* 1(12):830-843, 2014
  12. Honda K. DNA analysis overturns the death sentence of a condemned criminal held in custody for 48 years. *Forensic Sci Int Genet* doi: 10.1016/j.fsigen.2014.11.003, 2014
  13. Honma H, Hirai M, Nakamura S, Hakimi H, Kawazu S, Palacpac NM, Hisaeda H, Matsuoka H, Kawai S, Endo H, Yasunaga T, Ohashi J, Mita T, Horii T, Furusawa M, Tanabe K. Generation of rodent malaria parasites with a high mutation rate by destructing proofreading activity of DNA polymerase delta. *DNA Res* 21(4):439-446, 2014
  14. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
  15. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase

- I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
16. Ito H, Matsushita S, Hyodo K, Tsurushima H, Sato Y, Sakakibara Y. Focusing on delayed clearance for identifying small-sized metastatic lung tumors using synchrotron radiation angiography with a highly sensitive receiver. *Gen Thorac Cardiovasc Surg* 62(9):553-559, 2014
17. Kagohashi K, Satoh H, Ohara G, Miyazaki K, Kawaguchi M, Kurishima K, Hizawa N. Long-term safety of budesonide/formoterol for the treatment of elderly patients with bronchial asthma. *Exp Ther Med* 7(4):1005-1009, 2014
18. Kawasaki A, Furukawa H, Nishida N, Warabi E, Kondo Y, Ito S, Matsumoto I, Kusaoi M, Amano H, Suda A, Nagaoka S, Setoguchi K, Nagai T, Hirohata S, Shimada K, Sugii S, Okamoto A, Chiba N, Suematsu E, Ohno S, Katayama M, Okamoto A, Kono H, Tokunaga K, Takasaki Y, Hashimoto H, Sumida T, Tohma S, Tsuchiya N. Association of functional polymorphisms in interferon regulatory factor 2 (IRF2) with susceptibility to systemic lupus erythematosus: a case-control association study. *PLoS One* 9(10):e109764, 2014
19. Konno S, Hizawa N, Makita H, Shimizu K, Sakamoto T, Kokubu F, Saito T, Endo T, Ninomiya H, Iijima H, Kaneko N, Ito YM, Nishimura M. The effects of a Gly16Arg ADRB2 polymorphism on responses to salmeterol or montelukast in Japanese patients with mild persistent asthma. *Pharmacogenet Genomics* 24(5):246-255, 2014
20. Kurosawa M, Matsumoto G, Kino Y, Okuno M, Kurosawa-Yamada M, Washizu C, Taniguchi H, Nakaso K, Yanagawa T, Warabi E, Shimogori T, Sakurai T, Hattori N, Nukina N. Depletion of p62 reduces nuclear inclusions and paradoxically ameliorates disease phenotypes in Huntington's model mice. *Hum Mol Genet* doi: 10.1093/hmg/ddu522, 2014
21. Matsuyama M, Ishii Y, Yageta Y, Ohtsuka S, Ano S, Matsuno Y, Morishima Y, Yoh K, Takahashi S, Ogawa K, Hogaboam CM, Hizawa N. Role of Th1/Th17 balance regulated by T-bet in a mouse model of Mycobacterium avium complex disease. *J Immunol* 192(4):1707-1717, 2014
22. Miyadera H, Ohashi J, Lernmark A, Kitamura T, Tokunaga K. Cell-surface MHC density profiling reveals instability of autoimmunity-associated HLA. *J Clin Invest* doi: 10.1172/jci74961, 2014
23. Moriwaki T, Kajiwara T, Matsumoto T, Suzuki H, Hiroshima Y, Matsuda K, Hirai S, Yamamoto Y, Yamada T, Sugaya A, Kobayashi M, Endo S, Ishige K, Nishina T, Hyodo I. Survival analysis of platinum-refractory patients with advanced esophageal cancer treated with docetaxel or best supportive care alone: a retrospective study. *Dis Esophagus* 27(8):737-743, 2014
24. Muratani M, Deng N, Ooi WF, Lin SJ, Xing M, Xu C, Qamra A, Tay ST, Malik S, Wu J, Lee MH, Zhang S, Tan LL, Chua H, Wong WK, Ong HS, Ooi LL, Chow PK, Chan WH, Soo KC, Goh LK, Rozen S, Teh BT, Yu Q, Ng HH, Tan P. Nanoscale chromatin profiling of gastric adenocarcinoma reveals cancer-associated cryptic promoters and somatically acquired regulatory elements. *Nat*

25. Naka I, Patarapotikul J, Hananantachai H, Imai H, Ohashi J. Association of the endothelial protein C receptor (PROCR) rs867186-G allele with protection from severe malaria. *Malar J* 13:105, 2014
26. Naka I, Patarapotikul J, Hananantachai H, Ohashi J. Lack of association between BSG polymorphisms and cerebral malaria. *Jpn J Infect Dis* 67(6):432-435, 2014
27. Nakagawa Y, Satoh A, Yabe S, Furusawa M, Tokushige N, Tezuka H, Mikami M, Iwata W, Shingyouchi A, Matsuzaka T, Kiwata S, Fujimoto Y, Shimizu H, Danno H, Yamamoto T, Ishii K, Karasawa T, Takeuchi Y, Iwasaki H, Shimada M, Kawakami Y, Urayama O, Sone H, Takekoshi K, Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Suzuki H, Yamada N, Shimano H. Hepatic CREB3L3 controls whole-body energy homeostasis and improves obesity and diabetes. *Endocrinology* 155(12):4706-4719, 2014
28. Nanatsue K, Ninomiya T, Tsuchiya M, Tahara-Hanaoka S, Shibuya A, Masuko H, Sakamoto T, Hizawa N, Arinami T, Noguchi E. Influence of MILR1 promoter polymorphism on expression levels and the phenotype of atopy. *J Hum Genet* 59(9):480-483, 2014
29. Nishida N, Sawai H, Kashiwase K, Minami M, Sugiyama M, Seto WK, Yuen MF, Posuwan N, Poovorawan Y, Ahn SH, Han KH, Matsuura K, Tanaka Y, Kurosaki M, Asahina Y, Izumi N, Kang JH, Hige S, Ide T, Yamamoto K, Sakaida I, Murawaki Y, Itoh Y, Tamori A, Orito E, Hiasa Y, Honda M, Kaneko S, Mita E, Suzuki K, Hino K, Tanaka E, Mochida S, Watanabe M, Eguchi Y, Masaki N, Murata K, Korenaga M, Mawatari Y, Ohashi J, Kawashima M, Tokunaga K, Mizokami M. New susceptibility and resistance HLA-DP alleles to HBV-related diseases identified by a trans-ethnic association study in Asia. *PLoS One* 9(2):e86449, 2014
30. Nishida W, Nagata M, Imagawa A, Hanafusa T, Ohashi J, Takahashi K, Suehiro T, Yamada Y, Chujo D, Kawasaki E, Kawamura R, Onuma H, Osawa H, Makino H. Insulin administration may trigger type 1 diabetes in Japanese type 2 diabetes patients with type 1 diabetes high-risk HLA class II and the insulin gene VNTR genotype. *J Clin Endocrinol Metab* 99(9):E1793-1797, 2014
31. Ohashi J, Suzuki Y, Naka I, Hananantachai H, Patarapotikul J. Diversifying selection on the thrombospondin-related adhesive protein (TRAP) gene of Plasmodium falciparum in Thailand. *PLoS One* 9(2):e90522, 2014
32. Ohtsuka S, Ishii Y, Matsuyama M, Ano S, Morishima Y, Yanagawa T, Warabi E, Hizawa N. SQSTM1/p62/A170 regulates the severity of Legionella pneumophila pneumonia by modulating inflammasome activity. *Eur J Immunol* 44(4):1084-1092, 2014
33. Oka S, Furukawa H, Kawasaki A, Shimada K, Sugii S, Hashimoto A, Komiya A, Fukui N, Ito S, Nakamura T, Saisho K, Katayama M, Tsunoda S, Sano H, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. Protective effect of the HLA-DRB1\*13:02 allele in Japanese rheumatoid arthritis patients. *PLoS One* 9(6):e99453, 2014

34. Ota K, Kawaguchi M, Matsukura S, Kurokawa M, Kokubu F, Fujita J, Morishima Y, Huang SK, Ishii Y, Satoh H, Hizawa N. Potential involvement of IL-17F in asthma. *J Immunol Res* 2014:602846, 2014
35. Purps J, Siegert S, Willuweit S, Nagy M, Alves C, Salazar R, Angustia SM, Santos LH, Anslinger K, Bayer B, Ayub Q, Wei W, Xue Y, Tyler-Smith C, Bafalluy MB, Martinez-Jarreta B, Egyed B, Balitzki B, Tschumi S, Ballard D, Court DS, Barrantes X, Bassler G, Wiest T, Berger B, Niederstatter H, Parson W, Davis C, Budowle B, Burri H, Borer U, Koller C, Carvalho EF, Domingues PM, Chamoun WT, Coble MD, Hill CR, Corach D, Caputo M, D'Amato ME, Davison S, Decorte R, Larmuseau MH, Ottoni C, Rickards O, Lu D, Jiang C, Dobosz T, Jonkisz A, Frank WE, Furac I, Gehrig C, Castella V, Grskovic B, Haas C, Wobst J, Hadzic G, Drobnić K, Honda K, Hou Y, Zhou D, Li Y, Hu S, Chen S, Immel UD, Lessig R, Jakovski Z, Ilievská T, Klann AE, Garcia CC, de Knijff P, Kraaijenbrink T, Kondili A, Miniati P, Vouropoulou M, Kovacevic L, Marjanovic D, Lindner I, Mansour I, Al-Azem M, Andari AE, Marino M, Furfuro S, Locarno L, Martin P, Luque GM, Alonso A, Miranda LS, Moreira H, Mizuno N, Iwashima Y, Neto RS, Nogueira TL, Silva R, Nastainczyk-Wulf M, Edelmann J, Kohl M, Nie S, Wang X, Cheng B, Nunez C, Pancorbo MM, Olofsson JK, Morling N, Onofri V, Tagliabracci A, Pamjav H, Volgyi A, Barany G, Pawlowski R, Maciejewska A, Pelotti S, Pepinski W, Abreu-Glowacka M, Phillips C, Cardenas J, Rey-Gonzalez D, Salas A, Brisighelli F, Capelli C, Toscanini U, Piccinini A, Piglionica M, Baldassarra SL, Ploski R, Konarzewska M, Jastrzebska E, Robino C, Sajantila A, Palo JU, Guevara E, Salvador J, Ungria MC, Rodriguez JJ, Schmidt U, Schlauderer N, Saukko P, Schneider PM, Sirker M, Shin KJ, Oh YN, Skitsa I, Ampati A, Smith TG, Calvit LS, Stenzl V, Capal T, Tillmar A, Nilsson H, Turrina S, De Leo D, Verzeletti A, Cortellini V, Wetton JH, Gwynne GM, Jobling MA, Whittle MR, Sumita DR, Wolanska-Nowak P, Yong RY, Krawczak M, Nothnagel M, Roewer L. A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. *Forensic Sci Int Genet* 12(12-23), 2014
36. Sa-Ngasang A, Ohashi J, Naka I, Anantapreecha S, Sawanpanyalert P, Patrapotikul J. Association of IL1B -31C/T and IL1RA variable number of an 86-bp tandem repeat with dengue shock syndrome in Thailand. *J Infect Dis* 210(1):138-145, 2014
37. Sakata-Yanagimoto M, Enami T, Yoshida K, Shiraishi Y, Ishii R, Miyake Y, Muto H, Tsuyama N, Sato-Otsubo A, Okuno Y, Sakata S, Kamada Y, Nakamoto-Matsubara R, Tran NB, Izutsu K, Sato Y, Ohta Y, Furuta J, Shimizu S, Komeno T, Sato Y, Ito T, Noguchi M, Noguchi E, Sanada M, Chiba K, Tanaka H, Suzukawa K, Nanmoku T, Hasegawa Y, Nureki O, Miyano S, Nakamura N, Takeuchi K, Ogawa S, Chiba S. Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. *Nat Genet* 46(2):171-175, 2014
38. Saito R, Tamura M, Matsui H, Nagano Y, Suzuki H, Kaneko T, Mizokami Y, Hyodo I. Qing Dai attenuates nonsteroidal anti-inflammatory drug-induced mitochondrial reactive oxygen species in

- gastrointestinal epithelial cells. *J Clin Biochem Nutr* doi: 10.3164/jcbn.14-59, 2014
39. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T, Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
40. Seto K, Shoda J, Horibe T, Warabi E, Kohno M, Yanagawa T, Bukawa H, Nakanuma Y, Kawakami K. Targeting interleukin-4 receptor alpha by hybrid Peptide for novel biliary tract cancer therapy. *Int J Hepatol* 2014:584650, 2014
41. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of Boron Content Liposome Modified Protein-tras¥nsduction Domains for Boron Neutron Capture Therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
42. Sic H, Kraus H, Madl J, Flittner KA, von Munchow AL, Pieper K, Rizzi M, Kienzler AK, Ayata K, Rauer S, Kleuser B, Salzer U, Burger M, Zirlik K, Lougaris V, Plebani A, Romer W, Loeffler C, Scaramuzza S, Villa A, Noguchi E, Grimbacher B, Eibel H. Sphingosine-1-phosphate receptors control B-cell migration through signaling components associated with primary immunodeficiencies, chronic lymphocytic leukemia, and multiple sclerosis. *J Allergy Clin Immunol* 134(2):420-428, 2014
43. Suzuki H, Sato M, Akutsu D, Sugiyama H, Sato T, Mizokami Y. A case of cap polyposis remission by betamethasone enema after antibiotics therapy including Helicobacter pylori eradication. *J Gastrointestin Liver Dis* 23(2):203-206, 2014
44. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr* 54(1):26-30, 2014
45. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014:989574, 2014
46. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014
47. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
48. Takaoka E, Miyazaki J, Kimura T, Kojima T, Kawai K, Murata Y, Itoguchi N, Minami Y, Nakamura T, Honda K, Nishiyama H. Concurrent urothelial carcinoma in the renal pelvis of an allograft kidney and native recipient bladder: evidence of donor origin. *Jpn J Clin Oncol* 44(4):366-369, 2014
49. Takayama K, Morisaki Y, Kuno S, Nagamoto Y, Harada K, Furukawa N, Ohtaka M, Nishimura K, Imagawa K, Sakurai F, Tachibana M, Sumazaki R, Noguchi E, Nakanishi M, Hirata K, Kawabata K,

- Mizuguchi H. Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes. *Proc Natl Acad Sci U S A* 111(47):16772-16777, 2014
50. Tamari M, Saeki H, Hayashi M, Umezawa Y, Ito T, Fukuchi O, Nobeyama Y, Yanaba K, Nakagawa H, Tsunemi Y, Kato T, Shibata S, Sugaya M, Sato S, Tada Y, Doi S, Miyatake A, Ebe K, Noguchi E, Fujieda S, Ebihara T, Amagai M, Esaki H, Takeuchi S, Furue M, Hirota T. An association study of 36 psoriasis susceptibility loci for psoriasis vulgaris and atopic dermatitis in a Japanese population. *J Dermatol Sci* 76(2):156-157, 2014
51. Tanaka Y, Isobe K, Ma E, Imai T, Kikumori T, Matsuda T, Maeda Y, Sakurai A, Midorikawa S, Hataya Y, Kato T, Kamide K, Ikeda Y, Okada Y, Adachi M, Yanase T, Takahashi H, Yokoyama C, Arai Y, Hashimoto K, Shimano H, Hara H, Kawakami Y, Takekoshi K. Plasma free metanephhrines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategis for Japanese patients. *Endocr J* 61(7):667-673, 2014
52. Tanaka Y, Manabe A, Fukushima H, Suzuki R, Nakadate H, Kondoh K, Nakamura K, Koh K, Fukushima T, Tsuchida M, Koike K, Kiyokawa N, Noguchi E, Sumazaki R, Komiyama T. Multidrug resistance protein 4 (MRP4) polymorphisms impact the 6-mercaptopurine dose tolerance during maintenance therapy in Japanese childhood acute lymphoblastic leukemia. *Pharmacogenomics J* doi: 10.1038/tpj.2014.74, 2014
53. Taniguchi N, Konno S, Isada A, Hattori T, Kimura H, Shimizu K, Maeda Y, Makita H, Hizawa N, Nishimura M. Association of the CAT-262C>T polymorphism with asthma in smokers and the nonemphysematous phenotype of chronic obstructive pulmonary disease. *Ann Allergy Asthma Immunol* 113(1):31-36 e32, 2014
54. Tanji K, Odagiri S, Miki Y, Maruyama A, Nikaido Y, Mimura J, Mori F, Warabi E, Yanagawa T, Ueno S, Itoh K, Wakabayashi K. p62 Deficiency Enhances alpha-Synuclein Pathology in Mice. *Brain Pathol* doi: 10.1111/bpa.12214, 2014
55. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
56. Yageta Y, Ishii Y, Morishima Y, Ano S, Ohtsuka S, Matsuyama M, Takeuchi K, Itoh K, Yamamoto M, Hizawa N. Carbocisteine reduces virus-induced pulmonary inflammation in mice exposed to cigarette smoke. *Am J Respir Cell Mol Biol* 50(5):963-973, 2014
57. Yamada H, Yatagai Y, Masuko H, Sakamoto T, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Hizawa N. Heritability of pulmonary function estimated from genome-wide SNPs in healthy Japanese adults. *Respir Investig* doi: 10.1016/j.resinv.2014.10.004, 2014
58. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray

- emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
59. Yano S, Honda K, Kaminiwa J, Nishi T, Iwabuchi Y, Sugano Y, Kurosu A, Suzuki Y. DNA extraction for short tandem repeat typing from mixed samples using anti-human leukocyte CD45 and ABO blood group antibodies. *Forensic Sci Int Genet* 10:17-22, 2014
60. Yatagai Y, Sakamoto T, Yamada H, Masuko H, Kaneko Y, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Konno S, Nishimura M, Hizawa N. Genomewide association study identifies HAS2 as a novel susceptibility gene for adult asthma in a Japanese population. *Clin Exp Allergy* 44(11):1327-1334, 2014
61. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Improved gene transfer efficiency of a DNA-lipid-apatite composite layer by controlling the layer molecular composition. *Colloids Surf B Biointerfaces* 122:465-471, 2014
62. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Coprecipitation of DNA-lipid complexes with apatite and comparison with superficial adsorption for gene transfer applications. *J Biomater Appl* 28(6):937-945, 2014
63. Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot* 88:86-88, 2014

## 2) 英文以外の論文

1. 阿野哲士, 森島祐子, 檜澤伸之. 呼吸器内科学 T 細胞特異的転写因子の発現バランスがアレルギー性気道炎症のフェノタイプを規定する. 医学のあゆみ 248(4):286-287, 2014
2. 飯島弘晃, 檜澤伸之. 先端医学講座 アトピー分類と Thymic stromal lymphopoietin(TSLP)遺伝子. アレルギーの臨床 34(2):187-191, 2014
3. 飯島弘晃, 檜澤伸之. 喫煙による TSLP 産生誘導と気管支喘息. 臨床免疫・アレルギー科 61(6):689-693, 2014
4. 飯島弘晃, 山田英恵, 谷田貝洋平, 金子美子, 内藤隆志, 坂本透, 増子裕典, 広田朝光, 玉利真由美, 今野哲, 西村正治, 檜澤伸之. アレルゲン特異的 IgE 反応性から分類した喘息フェノタイプ Thymic stromal lymphopoietin(TSLP)遺伝子と喫煙の役割. アレルギー 63(1):33-44, 2014
5. 石川栄一, 坪井康次, 高野晋吾, 松村明. 「グリオーマ」、トピックス：グリオーマに対する免疫療法. クリニシャン 627(61):357-562, 2014
6. 意元義政, 徳永貴広, 野口恵美子, 藤枝重治. アレルギーと遺伝子・エピジェネティクススギ花粉症の感作・発症にかかる遺伝子の機能解析. アレルギー 63(3-4):386, 2014
7. 木野弘善, 高野晋吾, 坂本規彰, 石川栄一, 山本哲哉, 松田真秀, 中井啓, 阿久津博義, 野口雅之, 松村明. グリア系腫瘍の免疫染色定量評価. Brain Tumor Pathology 31(Suppl.):081, 2014
8. 斎藤梨絵, 松井裕史, 金子剛, 鈴木英雄, 谷中昭典, 溝上裕士, 兵頭一之介. 漢方薬青黛による活

- 性酸素消去を介した NSAID 起因性の消化管障害予防効果. 潰瘍 41(61), 2014
9. 坂下雅文, 牧野友香, 野口恵美子, 広田朝光, 玉利真由美, 藤枝重治. アレルギー性鼻炎治療効果に相関するバイオマーカー. アレルギー 63(6):767-774, 2014
10. 清水薫子, 今野哲, 木村孔一, 萩喬博, 谷口菜津子, 清水健一, 伊佐田朗, 服部健史, 檜澤伸之, 谷口正実, 赤澤晃, 西村正治. 北海道上士幌町における成人喘息、アレルギー性鼻炎有病率の検討 2006 年、2011 年の比較. アレルギー 63(7):928-937, 2014
11. 斎藤梨絵, 伊藤紘, 富田勉, 田村磨聖, 長野由美子, 金子剛, 鈴木英雄, 松井裕史, 溝上裕士. ライブイメージングによるアスピリン起因性小腸傷害発症機序解明. G.I.Research 22(4):400-401, 2014
12. 坂本規彰, 石川栄一, 山本哲哉, 中井啓, 松田真秀, 里見介史, 高野晋吾, 松村明. 悪性 glioma の再発時病理組織の検討. Brain Tumor Pathology 31(Suppl.):126, 2014
13. 鈴木英雄. 研修では教えてくれない!ノンテクニカルスキル(第 4 回) 仕事の教え方. G ノート 1(4):584-588, 2014
14. 鈴木英雄, 大森敏秀, 船山夏子, 杉谷武彦, 新澤岳, 金子剛, 奈良坂俊明, 森脇俊和, 遠藤慎治, 松井裕史, 谷中昭典, 溝上裕士, 兵頭一之介. 下痢型過敏性腸症候群患者におけるラモセトロン塩酸塩の服用状況と頓用の有用性. 新薬と臨牀 63(2):180-184, 2014
15. 鈴木英雄, 金子剛, 奈良坂俊明, 森脇俊和, 遠藤慎治, 松井裕史, 谷中昭典, 溝上裕士, 兵頭一之介. クローン病におけるインフリキシマブ投与時間短縮の安全性. 新薬と臨牀 63(1):126-128, 2014
16. 丹下善隆, 奈良坂俊明, 堀大輔, 俣野大介, 佐藤雅志, 岩井健太郎, 遠藤壮登, 陶経緯, 寺崎正彦, 金子剛, 鈴木英雄, 兵頭一之介, 溝上裕士. カプセル内視鏡で診断し得た高齢者の出血性 Meckel憩室の 1 例. Progress of Digestive Endoscopy 85(1):100-101, 2014
17. 鶴嶋英夫, 伊藤嘉朗, 丸島愛樹, 松村明. 最新臨床脳卒中学(上)—最新の診断と治療— FGF-2 徐放性 drug delivery system による虚血脳組織に対する保護および血管新生治療. 日本臨床 72(5):403-406, 2014
18. 檜澤伸之. 長引く咳への対応. 日本耳鼻咽喉科学会会報 117(1):15-19, 2014
19. 檜澤伸之. 喘息長期管理における LAMA の今後の展望 2 ICS+LABA+LAMA なのか、ICS+LAMA なのか. 吸入療法 6(1):78-82, 2014
20. 檜澤伸之. 【COPD 治療のさらなる展開を目指す-ガイドライン第 4 版を巡って】 COPD と喘息のオーバーラップを分子レベルから探る. 呼吸と循環 62(2):148-153, 2014
21. 檜澤伸之. 【COPD 治療の新時代 21 世紀の「社会的」生活習慣病】 COPD トピックス COPD の遺伝研究の最前線. 内科 113(2):241-244, 2014
22. 本田克也. DNA 鑑定はどこまで正当か(1) DNA による科学的鑑定法の進歩とその課題(1). 季刊 刑事弁護 78(88-93), 2014
23. 本田克也. DNA 鑑定はどこまで正当か (2) DNA による科学的鑑定法の進歩とその課題

(2) 季刊 刑事弁護 79(172-179, 2014

24. 本田克也. DNA鑑定はどこまで正当か (3) 検出技術の歴史的発展とその原理(1) 季刊 刑事弁護 80(203-211, 2014
25. 谷田貝洋平, 山田英恵, 金子美子, 増子裕典, 坂本透, 野口恵美子, 飯島弘明, 広田朝光, 玉利真由美, 檜澤伸之. Hyaluronan synthase 2(HAS2)遺伝子と喘息との関連 ゲノムワイド関連解析(GWAS)による検討. 日本呼吸器学会誌 3(増刊):143, 2014
26. 谷田貝洋平, 山田英恵, 金子美子, 増子裕典, 坂本透, 野口恵美子, 飯島弘晃, 内藤隆志, 広田朝光, 玉利真由美, 檜澤伸之. 成人喘息の病態 中高年発症喘息(late onset asthma:LOA)を対象とした網羅的遺伝子解析. アレルギー 63(3-4):503, 2014
27. 山田英恵, 谷田貝洋平, 増子裕典, 飯島弘晃, 内藤隆志, 坂本透, 野口恵美子, 広田朝光, 玉利真由美, 檜澤伸之. 喘息発症における呼吸機能関連遺伝因子の役割. 日本呼吸器学会誌 3(増刊):177, 2014
28. 山田英恵, 谷田貝洋平, 増子裕典, 飯島弘晃, 内藤隆志, 坂本透, 野口恵美子, 広田朝光, 玉利真由美, 檜澤伸之. アレルギー発症と環境因子 健常人における吸入抗原のアレルギー感作に対するゲノム網羅的関連解析. アレルギー 63(3-4):541, 2014
29. 蕨栄治. p62/Sequestosomel の生理機能. 生化学 86(6):783-787, 2014

4) 英文以外の著書

1. 鈴木英雄, 斎藤洋子. 第7章 1. 胃がんリスク検診の実施状況; "胃がんリスク検診(ABC検診)マニュアル(改訂2版)" (編集 日本胃がん予知・診断・治療研究機構), 南江堂(東京) 2014; pp168-169
2. 土屋尚之. 環境因子と遺伝因子; "ANCA関連血管炎の診療ガイドライン(2014年改訂版)" (編集 横野博史, 松尾清一), 厚生労働省 難治性疾患克服研究事業 2014; pp10-14
3. 鶴嶋英夫. 脳腫瘍; "やさしい臨床医学テキスト(第3版)" (編集 星恵子), 薬事日報社(東京) 2014; pp24-28

## 分子スポットロジー

### 1) 英文論文

1. Fuse H, Suzuki K, Shida K, Mori Y, Takahashi H, Kobayashi D, Seki M, Isobe T, Okumura T, Sakae T, Sakurai H. Total skin electron beam therapy using an inclinable couch on motorized table and a compensating filter. *Rev Sci Instrum* 85(6):064301, 2014
2. Kawamoto T, Ishige K, Thomas M, Yamashita-Kashima Y, Shu S, Ishikura N, Ariizumi S, Yamamoto M, Kurosaki K, Shoda J. Overexpression and gene amplification of EGFR, HER2, and HER3 in biliary tract carcinomas, and the possibility for therapy with the HER2-targeting antibody pertuzumab. *J Gastroenterol* doi: 10.1007/s00535-014-0984-5, 2014
3. Kawasaki A, Furukawa H, Nishida N, Warabi E, Kondo Y, Ito S, Matsumoto I, Kusaoi M, Amano H, Suda A, Nagaoka S, Setoguchi K, Nagai T, Hirohata S, Shimada K, Sugii S, Okamoto A, Chiba N, Suematsu E, Ohno S, Katayama M, Okamoto A, Kono H, Tokunaga K, Takasaki Y, Hashimoto H, Sumida T, Tohma S, Tsuchiya N. Association of functional polymorphisms in interferon regulatory factor 2 (IRF2) with susceptibility to systemic lupus erythematosus: a case-control association study. *PLoS One* 9(10):e109764, 2014
4. Kurosawa M, Matsumoto G, Kino Y, Okuno M, Kurosawa-Yamada M, Washizu C, Taniguchi H, Nakaso K, Yanagawa T, Warabi E, Shimogori T, Sakurai T, Hattori N, Nukina N. Depletion of p62 reduces nuclear inclusions and paradoxically ameliorates disease phenotypes in Huntington's model mice. *Hum Mol Genet* doi: 10.1093/hmg/ddu522, 2014
5. Miyahara N, Shoda J, Kawamoto T, Ishida H, Ueda T, Akimoto Y, Kawakami H, Irimura T. Interaction of Muc4 and ErbB2 in a transgenic mouse model of gallbladder carcinoma: potential pathobiological implications. *Oncol Rep* 32(5):1796-1802, 2014
6. Oh S, Shida T, Sawai A, Maruyama T, Eguchi K, Isobe T, Okamoto Y, Someya N, Tanaka K, Arai E, Tozawa A, Shoda J. Acceleration training for managing nonalcoholic fatty liver disease: a pilot study. *Ther Clin Risk Manag* 10:925-936, 2014
7. Oh S, Tanaka K, Noh JW, So R, Tsujimoto T, Sasai H, Kim M, Shoda J. Abdominal obesity: causal factor or simply a symptom of obesity-related health risk. *Diabetes Metab Syndr Obes* 7:289-296, 2014
8. Oh S, Tanaka K, Tsujimoto T, So R, Shida T, Shoda J. Regular exercise coupled to diet regimen accelerates reduction of hepatic steatosis and associated pathological conditions in nonalcoholic fatty liver disease. *Metab Syndr Relat Disord* 12(5):290-298, 2014
9. Okamoto Y, Kemp GJ, Isobe T, Sato E, Hirano Y, Shoda J, Minami M. Changes in diffusion tensor imaging (DTI) eigenvalues of skeletal muscle due to hybrid exercise training. *Magn Reson Imaging* 32(10):1297-1300, 2014
10. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T,

- Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
11. Seto K, Shoda J, Horibe T, Warabi E, Kohno M, Yanagawa T, Bukawa H, Nakanuma Y, Kawakami K. Targeting interleukin-4 receptor alpha by hybrid Peptide for novel biliary tract cancer therapy. *Int J Hepatol* 2014:584650, 2014
  12. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014
  13. Tanji K, Odagiri S, Miki Y, Maruyama A, Nikaido Y, Mimura J, Mori F, Warabi E, Yanagawa T, Ueno S, Itoh K, Wakabayashi K. p62 Deficiency Enhances alpha-Synuclein Pathology in Mice. *Brain Pathol* doi: 10.1111/bpa.12214, 2014
  14. Tsujimoto T, Sairenchi T, Iso H, Irie F, Yamagishi K, Watanabe H, Tanaka K, Muto T, Ota H. The dose-response relationship between body mass index and the risk of incident stage >/=3 chronic kidney disease in a general Japanese population: the Ibaraki prefectural health study (IPHS). *J Epidemiol* 24(6):444-451, 2014

## 2) 英文以外の論文

1. 岡本嘉一, 磯辺智範, 平野雄二. 【ROUTINE CLINICAL MRI 2015 BOOK】骨格筋のMRI. 映像情報 Medical 46(14):71-78, 2014
2. 正田純一. プロバイオティクスの転写因子賦活化による腸管環境と機能の改善, それによる生活習慣病関連肝疾患の発症予防. ヤクルト・バイオサイエンス研究財団 年報 22(148-155), 2014
3. 辻本健彦, 蘇リナ, 金甫建, 加藤千晶, 小林奈美, 鈴木駿, 田中喜代次. 肥満男性における生活習慣介入に伴う低強度身体活動時間の増加はインスリン抵抗性を改善させる. 体力科学 63(4):415-423, 2014
4. 蕨栄治. p62/Sequestosome1 の生理機能. 生化学 86(6):783-787, 2014

## 3) 英文著書

1. Shoda J, Ohkohchi N. Epidemiology and Pathogenesis of Hepatocellular Carcinoma. In Hepatocellular Carcinoma. NOVA Science Publishers (New York), 2014 (23 pages)

## 4) 英文以外の著書

1. 正田純一. 生活習慣と胆道癌-胆管癌集団発症への対策も含めて; "Annual Review 消化器 2014 (編集 林 紀夫), 中外医学社 (東京) 2014; pp258-262

2. 正田純一, 松田厚志, 久野敦, 池原謙, 成松久, 大河内信弘, 山本雅一, 中沼安二. 肝内胆管癌の新規バイオマーカー; "Hepatology Practice (第 4 版)" (編集 竹原徹郎), 文光堂 (東京) 2014; pp286-288
3. 横山有里, 正田純一. 高齢者対象の運動教室における心拍数については、どのような配慮が必要でしょうか; "メディカルフィットネス Q&A" (編集 田中喜代次), メディカルフィットネス研究会 (東京) 2014; pp198-199
4. 横山有里, 正田純一. 透析患者にも運動療法は有効なのでしょうか. お勧めの運動はあるのでしょうか; "メディカルフィットネス Q&A" (編集 田中喜代次), メディカルフィットネス研究会 (東京) 2014; pp200-201

## 脂質エネルギー代謝

### 1) 英文論文

1. Abe C, Uto Y, Kawasaki A, Noguchi C, Tanaka R, Yoshitomi T, Nagasaki Y, Endo Y, Hori H. Evaluation of the in vivo antioxidative activity of redox nanoparticles by using a developing chicken egg as an alternative animal model. *J Control Release* 182:67-72, 2014
2. Ehara T, Kamei Y, Yuan X, Takahashi M, Kanai S, Tamura E, Tsujimoto K, Tamiya T, Nakagawa Y, Shimano H, Takai-Igarashi T, Hatada I, Suganami T, Hashimoto K, Ogawa Y. Ligand-activated PPARalpha-dependent DNA demethylation regulates the fatty acid beta-oxidation genes in the postnatal liver. *Diabetes* doi: 10.2337/db14-0158, 2014
3. Fujihara K, Sugawara A, Heianza Y, Sairenchi T, Irie F, Iso H, Doi M, Shimano H, Watanabe H, Sone H, Ota H. Utility of the triglyceride level for predicting incident diabetes mellitus according to the fasting status and body mass index category: the Ibaraki Prefectural Health Study. *J Atheroscler Thromb* 21(11):1152-1169, 2014
4. Fujihara K, Suzuki H, Sato A, Ishizu T, Kodama S, Heianza Y, Saito K, , Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Sone H, Shimano H. Comparison of the Framingham risk score, UK Prospective Diabetes Study (UKPDS) Risk Engine, Japanese Atherosclerosis Longitudinal Study-Existing Cohorts Combine (JALS-ECC) and maximum carotid intima-media thickness for predicting coronary artery stenosis in patients with asymptomatic type 2 diabetes. *J Atheroscler Thromb* 21(8):799-815, 2014
5. Halupka-Bryl M, Asai K, Thangavel S, Bednarowicz M, Krzyminiewski R, Nagasaki Y. Synthesis and in vitro and in vivo evaluations of poly (ethylene glycol)-block-poly(4-vinylbenzylphosphonate) magnetic nanoparticles containing doxorubicin as a potential targeted drug delivery system. *Colloids Surf B Biointerfaces* 118:140-147, 2014
6. Hamada M, Nakamura M, Tran MT, Moriguchi T, Hong C, Ohsumi T, Dinh TT, Kusakabe M, Hattori M, Katsumata T, Arai S, Nakashima K, Kudo T, Kuroda E, Wu CH, Kao PH, Sakai M, Shimano H, Miyazaki T, Tontonoz P, Takahashi S. MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. *Nat Commun* 5:3147, 2014
7. Han SI, Komatsu Y, Murayama A, Steffensen KR, Nakagawa Y, Nakajima Y, Suzuki M, Oie S, Parini P, Vedin LL, Kishimoto H, Shimano H, Gustafsson JA, Yanagisawa J. Estrogen receptor ligands ameliorate fatty liver through a nonclassical estrogen receptor/Liver X receptor pathway in mice. *Hepatology* 59(5):1791-1802, 2014
8. Hatachi G, Tsuchiya T, Miyazaki T, Matsumoto K, Yamasaki N, Okita N, Nanashima A, Higami Y, Nagayasu T. The poly(adenosine diphosphate-ribose) polymerase inhibitor PJ34 reduces pulmonary ischemia-reperfusion injury in rats. *Transplantation* 98(6):618-624, 2014
9. Horie T, Nishino T, Baba O, Kuwabara Y, Nakao T, Nishiga M, Usami S, Izuhara M, Nakazeki F, Ide

- Y, Koyama S, Sowa N, Yahagi N, Shimano H, Nakamura T, Hasegawa K, Kume N, Yokode M, Kita T, Kimura T, Ono K. MicroRNA-33b knock-in mice for an intron of sterol regulatory element-binding factor 1 (Srebf1) exhibit reduced HDL-C in vivo. *Sci Rep* 4(5312, 2014)
10. Horiguchi Y, Nakayama N, Kanayama N, Nagasaki Y. Sulfobetaine-terminated PEG Improves the Qualities of an Immunosensing Surface. *Biomaterials Science* 2(6):819-826, 2014
11. Horikawa C, Kodama S, Fujihara K, Hirasawa R, Yachi Y, Suzuki A, Hanyu O, Shimano H, Sone H. High risk of failing eradication of Helicobacter pylori in patients with diabetes: a meta-analysis. *Diabetes Res Clin Pract* 106(1):81-87, 2014
12. Horikawa C, Kodama S, Fujihara K, Yachi Y, Tanaka S, Suzuki A, Hanyu O, Shimano H, Sone H. Association of Helicobacter pylori infection with glycemic control in patients with diabetes: a meta-analysis. *J Diabetes Res* 2014(250620, 2014)
13. Hossain MA, Yamashita M, Vong LB, Ikeda Y, Nagasaki Y. Silica-installed redox nanoparticles for novel oral nanotherapeutics - improvement in intestinal delivery with anti-inflammatory effects. *J Drug Target* 22(7):638-647, 2014
14. Ikeda Y, Nagasaki Y. Impacts of PEGylation on the gene and oligonucleotide delivery system. *Journal of Applied Polymer Science* 131(9):40293, 2014
15. Lakshmipriya T, Horiguchi Y, Nagasaki Y. Co-immobilized poly (ethylene glycol)-block-polyamines promote sensitivity and restrict biofouling on gold sensor surface for detecting factor IX in human plasma. *Analyst* 139(16):3977-3985, 2014
16. Matsuzaka T, Shimano H. New liver-beta-cell axis that controls insulin secretory capacity. *J Diabetes Investig* 5(3):276-277, 2014
17. Miyano K, Sudo Y, Yokoyama A, Hisaoka-Nakashima K, Morioka N, Takebayashi M, Nakata Y, Higami Y, Uezono Y. History of the G protein-coupled receptor (GPCR) assays from traditional to a state-of-the-art biosensor assay. *J Pharmacol Sci* 126(4):302-309, 2014
18. Nagasaki Y, Yaguchi T, Matsumura T, Yoshitomi T, Ikeda Y, Ueda A, Hirayama A. Design and use of silica-containing redox nanoparticles, siRNP for high-performance peritoneal dialysis. *Biomaterials Science* 2(4):522-5298, 2014
19. Nakagawa Y, Satoh A, Yabe S, Furusawa M, Tokushige N, Tezuka H, Mikami M, Iwata W, Shingyouchi A, Matsuzaka T, Kiwata S, Fujimoto Y, Shimizu H, Danno H, Yamamoto T, Ishii K, Karasawa T, Takeuchi Y, Iwasaki H, Shimada M, Kawakami Y, Urayama O, Sone H, Takekoshi K, Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Suzuki H, Yamada N, Shimano H. Hepatic CREB3L3 controls whole-body energy homeostasis and improves obesity and diabetes. *Endocrinology* 155(12):4706-4719, 2014
20. Nakakuki M, Kawano H, Notsu T, Imada K, Mizuguchi K, Shimano H. A novel processing system of sterol regulatory element-binding protein-1c regulated by polyunsaturated fatty acid. *J Biochem*

155(5):301-313, 2014

21. Okita N, Ishikawa N, Mizunoe Y, Oku M, Nagai W, Suzuki Y, Matsushima S, Mikami K, Okado H, Sasaki T, Higami Y. Inhibitory effect of p53 on mitochondrial content and function during adipogenesis. *Biochem Biophys Res Commun* 446(1):91-97, 2014
22. Sakai K, Igarashi M, Yamamuro D, Ohshiro T, Nagashima S, Takahashi M, Enkhtuvshin B, Sekiya M, Okazaki H, Osuga J, Ishibashi S. Critical role of neutral cholesteryl ester hydrolase 1 in cholesteryl ester hydrolysis in murine macrophages. *J Lipid Res* 55(10):2033-2040, 2014
23. Sekiya M, Yamamuro D, Ohshiro T, Honda A, Takahashi M, Kumagai M, Sakai K, Nagashima S, Tomoda H, Igarashi M, Okazaki H, Yagyu H, Osuga J, Ishibashi S. Absence of Nceh1 augments 25-hydroxycholesterol-induced ER stress and apoptosis in macrophages. *J Lipid Res* 55(10):2082-2092, 2014
24. Shimizu M, Yoshitomi T, Nagasaki Y. The behavior of ROS-scavenging nanoparticles in blood. *J Clin Biochem Nutr* 54(3):166-173, 2014
25. Tanaka Y, Isobe K, Ma E, Imai T, Kikumori T, Matsuda T, Maeda Y, Sakurai A, Midorikawa S, Hataya Y, Kato T, Kamide K, Ikeda Y, Okada Y, Adachi M, Yanase T, Takahashi H, Yokoyama C, Arai Y, Hashimoto K, Shimano H, Hara H, Kawakami Y, Takekoshi K. Plasma free metanephritines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. *Endocr J* 61(7):667-673, 2014
26. Tang N, Matsuzaka T, Suzuki M, Nakano Y, Zao H, Yokoo T, Suzuki-Kemuriyama N, Kuba M, Okajima Y, Takeuchi Y, Kobayashi K, Iwasaki H, Yatoh S, Takahashi A, Suzuki H, Sone H, Shimada M, Nakagawa Y, Yahagi N, Yamada N, Shimano H. Ablation of Elavl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. *Biochem Biophys Res Commun* 450(1):318-323, 2014
27. Yasui H, Takeuchi R, Nagane M, Meike S, Nakamura Y, Yamamori T, Ikenaka Y, Kon Y, Murotani H, Oishi M, Nagasaki Y, Inanami O. Radiosensitization of tumor cells through endoplasmic reticulum stress induced by PEGylated nanogel containing gold nanoparticles. *Cancer Lett* 347(1):151-158, 2014
28. Yoshitomi T, Kuramochi K, Vong LB, Nagasaki Y. Development of nitroxide radicals-containing polymer for scavenging ROS from cigarette smoke. *Science and Technology for Advanced Materials* 15(3):035002, 2014
29. Yoshitomi T, Nagasaki Y. Reactive oxygen species-scavenging nanomedicines for the treatment of oxidative stress injuries. *Adv Healthc Mater* 3(8):1149-1161, 2014
30. Yoshitomi T, Sha S, Vong LB, Chonpathompikunlert P, Matsui H, Nagasaki Y. Indomethacin-loaded redox nanoparticles improve oral bioavailability of indomethacin and suppress its small intestinal inflammation. *Ther Deliv* 5(1):29-38, 2014

31. Yoshizawa S, Heianza Y, Arase Y, Saito K, Hsieh SD, Tsuji H, Hanyu O, Suzuki A, Tanaka S, Kodama S, Shimano H, Hara S, Sone H. Comparison of different aspects of BMI history to identify undiagnosed diabetes in Japanese men and women: Toranomon Hospital Health Management Center Study 12 (TOPICS 12). *Diabet Med* 31(11):1378-1386, 2014

2) 英文以外の論文

1. 古川祥子, 藤原和哉, 尾本美代子, 村山友樹, 呉龍梅, 笹木晋, 熊谷亮, 五十野桃子, 秋根大, 小林浩幸, 高屋敷典生, 鈴木浩明, 島野仁, 野牛宏晃. IL-6 産生褐色細胞腫において術前の炎症コントロールにより二次性糖尿病を改善し得た 1 例. 糖尿病 57(12):913-920, 2014

3) 英文著書

1. Kamumura M, Nagasaki Y. PEGylated ceramic nanophosphors: latest developments and applications; in "Hot Topics in Biomaterials (1st edition)" (edited by Ahmed I), Future Medicine (London) 2014; pp90-102
2. Kamumura M, Nagasaki Y. 14. PEGylated polymer micelles for anti-cancer drug delivery carrier; in "Colloid and Interface Science in Pharmaceutical Research and Development (1st edition)" (edited by Ohshima H, Makino K), Elsevier (Amsterdam) 2014; pp285-298

4) 英文以外の著書

1. 鈴木浩明, 島野仁. 第 18 章. 脂質異常症; "糖尿病専門医研修ガイドブック (改訂第 6 版)" (編集 日本糖尿病学会), 診断と治療社 (東京) 2014; pp123-148
2. 岡崎啓明, 高瀬暁, 平美乃. 脂質異常症(成因・分類・診断); "糖尿病研修ノート (改訂第 2 版)" (総監修 永井良三, 責任編集 門脇孝, 編集 加来浩平, 花房俊昭, 羽田勝計, 稲垣暢也, 出雲博子, 谷澤幸生), 診断と治療社 (東京) 2014; pp429-435
3. 島野仁. 第 6 章. エネルギーの栄養生化学; "「栄養生化学 (新体系看護学全書 人体の構造と機能②)」 (第 4 版)" (編集 脊山洋右, 山田信博, 島野仁, 松島照彦), メディカルフレンド社 (東京) 2014; pp123-148
4. 島野仁. 内分泌・代謝疾患; "ガイドラインに基づく臨床指針 (改訂第 11 版)" (編集 福井次矢), 第一三共株式会社 (東京) 2014; pp271-294
5. 矢藤繁, 山田信博. 6. スルフォニルウレア : SU 剤—飲み薬— (糖尿病治療薬) ; "メディクイックブック第 1 部 患者さんによくわかる薬の説明 2014 年版 (第 17 版)" (編集 鈴木康夫), 金原出版 (東京) 2014; pp513
6. 矢藤繁, 山田信博, 村上透. 6. グリニド系糖尿病薬—飲み薬— (糖尿病治療薬) ; "メディクイックブック第 1 部 患者さんによくわかる薬の説明 2014 年版 (第 17 版)" (編集 鈴木康夫), 金原出版 (東京) 2014; pp514

7. 矢藤繁, 村上透, 山田信博. 6. ビグアナイド系血糖降下薬—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp515
8. 矢藤繁, 山田信博, 村上透. 6. インスリン製剤—注射—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp516-518
9. 矢藤繁, 山田信博. 6. メキシチール—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp519
10. 矢藤繁, 山田信博. 6. アルドース還元酵素阻害薬—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp520
11. 矢藤繁, 山田信博, 村上透. 6. αグルコシダーゼ阻害薬—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp521
12. 矢藤繁, 山田信博. 6. インスリン抵抗性改善薬—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp522
13. 矢藤繁, 山田信博. 6. 選択性DPP-4阻害薬—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp523-524
14. 矢藤繁, 山田信博. 6. GLP-1受容体作動薬—注射—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp525-527
15. 矢藤繁, 山田信博. 6. 糖尿病治療薬合剤—飲み薬—（糖尿病治療薬）;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp528-529
16. 矢藤繁, 山田信博, 村上透. 6. 脂質異常症（高脂血症）の治療薬について;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp530-531
17. 矢藤繁, 山田信博. 6. HMG-CoA還元酵素阻害薬-飲み薬-脂質異常症治療薬;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原出版(東京) 2014; pp532-533
18. 矢藤繁, 村上透, 山田信博. 6. フィブラー系脂質異常症治療薬-飲み薬;"メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)"(編集 鈴木康夫), 金原

出版(東京)2014; pp534

19. 矢藤繁, 村上透, 山田信博. 6. コレスチラミン、コレスチミドフィブ-飲み薬- (脂質異常症治療薬) ; "メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)" (編集 鈴木康夫), 金原出版(東京) 2014; pp535
20. 矢藤繁, 山田信博. 6. ゼチーア-飲み薬- (脂質異常症治療薬) ; "メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)" (編集 鈴木康夫), 金原出版(東京) 2014; pp536
21. 矢藤繁, 山田信博, 村上透. 6. プロブコール-飲み薬- (脂質異常症治療薬) ; "メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)" (編集 鈴木康夫), 金原出版(東京) 2014; pp537
22. 矢藤繁, 村上透, 山田信博. 6. ニコチン酸誘導体-飲み薬- (脂質異常症治療薬) ; "メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)" (編集 鈴木康夫), 金原出版(東京) 2014; pp538
23. 矢藤繁, 村上透, 山田信博. 6. サノレックスス-飲み薬- (肥満治療薬) ; "メディクイックブック第1部 患者さんによくわかる薬の説明 2014年版(第17版)" (編集 鈴木康夫), 金原出版(東京) 2014; pp542
24. 長崎幸夫. 第2章1節. バイオマテリアル界面におけるポリエチレングリコールの役割; "超分子材料の設計と応用展開(第1版)" (編集 原田明), シーエムシー出版(東京) 2014; pp128-147
25. 長崎幸夫. 第7部2章2節. PEGブラシによる高機能バイオインターフェースの創成; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)" (編集 原田明), サイエンス&テクノロジー(東京) 2014; pp180-202
26. 長崎幸夫. 第7部2章5節. 大気圧プラズマを応用した高分子表面の生体適合性改質処理; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)" (編集 原田明), サイエンス&テクノロジー(東京) 2014; pp224-232

## ヘルスサービス

### 1) 英文論文

1. Amano T, Yamanaka K, Carpenter BD. Measuring Knowledge about Alzheimer's Disease in Japan. *Gerontological Society of America's 67th Annual Scientific Meeting* On-Line Dementia Resources, 2014
2. Abe T, Takahashi O, Saitoh D, Tokuda Y. Association between helicopter with physician versus ground emergency medical services and survival of adults with major trauma in Japan. *Crit Care* 18(4):R146, 2014
3. Abe T, Tokuda Y. Recurrent Posterior Reversible Encephalopathy Syndrome (PRES) of the brainstem in a hypertensive patient with End-Stage Renal Disease. *J Emerg Trauma Shock* 7:242–243, 2014
4. Araki W, Minegishi S, Motoki K, Kume H, Hohjoh H, Araki YM, Tamaoka A. Disease-associated mutations of TDP-43 promote turnover of the protein through the proteasomal pathway. *Mol Neurobiol* 50(3):1049-1058, 2014
5. Ballantyne KN, Ralf A, Aboukhalid R, Achakzai NM, Anjos MJ, Ayub Q, Balazic J, Ballantyne J, Ballard DJ, Berger B, Bobillo C, Bouabdellah M, Burri H, Capal T, Caratti S, Cardenas J, Cartault F, Carvalho EF, Carvalho M, Cheng B, Coble MD, Comas D, Corach D, D'Amato ME, Davison S, de Knijff P, De Ungria MC, Decorte R, Dobosz T, Dupuy BM, Elmrgnhi S, Gliwinski M, Gomes SC, Grol L, Haas C, Hanson E, Henke J, Henke L, Herrera-Rodriguez F, Hill CR, Holmlund G, Honda K, Immel UD, Inokuchi S, Jobling MA, Kaddura M, Kim JS, Kim SH, Kim W, King TE, Klausriegler E, Kling D, Kovacevic L, Kovatsi L, Krajewski P, Kravchenko S, Larmuseau MH, Lee EY, Lessig R, Livshits LA, Marjanovic D, Minarik M, Mizuno N, Moreira H, Morling N, Mukherjee M, Munier P, Nagaraju J, Neuhuber F, Nie S, Nilasitsataporn P, Nishi T, Oh HH, Olofsson J, Onofri V, Palo JU, Pamjav H, Parson W, Petlach M, Phillips C, Ploski R, Prasad SP, Primorac D, Purnomo GA, Purps J, Rangel-Villalobos H, Rebala K, Rerkamnuaychoke B, Gonzalez DR, Robino C, Roewer L, Rosa A, Sajantila A, Sala A, Salvador JM, Sanz P, Schmitt C, Sharma AK, Silva DA, Shin KJ, Sijen T, Sirker M, Sivakova D, Skaro V, Solano-Matamoros C, Souto L, Stenzl V, Sudoyo H, Syndercombe-Court D, Tagliabuaci A, Taylor D, Tillmar A, Tsybovsky IS, Tyler-Smith C, van der Gaag KJ, Vanek D, Volgyi A, Ward D, Willemse P, Yap EP, Yong RY, Pajnic IZ, Kayser M. Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. *Hum Mutat* 35(8):1021-1032, 2014
6. Chei CL, Yamagishi K, Ikeda A, Noda H, Maruyama M, Cui R, Imano H, Kiyama M, Kitamura A, Asada T, Iso H. C-reactive protein levels and risk of disabling dementia with and without stroke in Japanese: the Circulatory Risk in Communities Study (CIRCS). *Atherosclerosis* 236(2):438-443, 2014
7. Chuganji E, Abe T, Kobayashi H, Nakano N, Kanai T, Ohara G, Takayashiki N, Noguchi M, Morishita Y, Aoki M, Tokuda Y. Fatal pulmonary co-infection of pneumocystis and cytomegalovirus

- in a patient with acquired immunodeficiency syndrome. *Intern Med* 5(3):1575-1576, 2014
8. Cui R, Yamagishi K, Imano H, Ohira T, Tanigawa T, Hitsumoto S, Kiyama M, Okada T, Kitamura A, Iso H. Relationship between the ankle-brachial index and the risk of coronary heart disease and stroke: the circulatory risk in communities study. *J Atheroscler Thromb* 21(12):1283-1289, 2014
  9. Eshak ES, Iso H, Yamagishi K, Kokubo Y, Saito I, Yatsuya H, Sawada N, Inoue M, Tsugane S. Rice consumption is not associated with risk of cardiovascular disease morbidity or mortality in Japanese men and women: a large population-based, prospective cohort study. *Am J Clin Nutr* 100(1):199-207, 2014
  10. Eshak ES, Iso H, Yamagishi K, Kokubo Y, Saito I, Yatsuya H, Sawada N, Inoue M, Tsugane S. Modification of the excess risk of coronary heart disease due to smoking by seafood/fish intake. *Am J Epidemiol* 179(10):1173-1181, 2014
  11. Honda K. DNA analysis overturns the death sentence of a condemned criminal held in custody for 48 years. *Forensic Sci Int Genet* doi: 10.1016/j.fsigen.2014.11.003, 2014
  12. Hoshi SL, Kondo M, Okubo I. Economic evaluation of vaccination programme of mumps vaccine to the birth cohort in Japan. *Vaccine* 32(33):4189-4197, 2014
  13. Ichikawa M, Inada H, Kumeji M. Reconsidering the effects of blue-light installation for prevention of railway suicides. *J Affect Disord* 152-154:183-185, 2014
  14. Ichikawa M, Nakahara S, Inada H. Impact of mandating a driving lesson for older drivers at license renewal in Japan. *Accid Anal Prev* doi: 10.1016/j.aap.2014.11.015, 2014
  15. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
  16. Ishii K, Itoh Y, Iwasaki N, Shibata Y, Tamaoka A. Detection of diphenylarsinic acid and its derivatives in human serum and cerebrospinal fluid. *Clin Chim Acta* 431:227-231, 2014
  17. Ishii K, Kanazawa T, Tomidokoro Y, Tamaoka A. Glossopharyngeal nerve and vagus nerve palsies associated with influenza vaccination. *Intern Med* 53(3):259-261, 2014
  18. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
  19. Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol* 31(3):156-161, 2014
  20. Ishikawa H, Machishima Y, Tachi H, Mogi S, Hosaka A, Mamiya T, Hayashi T, Terashima H,

- Teramoto S. Organizing pneumonia as the first clinical manifestation of early stage rheumatoid arthritis determined by hand joints synovitis using magnetic resonance imaging. *General Med* 2(1):138, 2014
21. Iso H, Imano H, Yamagishi K, Ohira T, Cui R, Noda H, Sato S, Kiyama M, Okada T, Hitsumoto S, Tanigawa T, Kitamura A. Fasting and non-fasting triglycerides and risk of ischemic cardiovascular disease in Japanese men and women: the Circulatory Risk in Communities Study (CIRCS). *Atherosclerosis* 237(1):361-368, 2014
22. Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurol Med Chir (Tokyo)* 54(10):832-835, 2014
23. Kajikawa N, Maeno T, Maeno T. Does a child's fear of needles decrease through a learning event with needles? *Issues Compr Pediatr Nurs* 37(3):183-194, 2014
24. Kato M, Manabe A, Koh K, Inukai T, Kiyokawa N, Fukushima T, Goto H, Hasegawa D, Ogawa C, Koike K, Ota S, Noguchi Y, Kikuchi A, Tsuchida M, Ohara A. Treatment outcomes of adolescent acute lymphoblastic leukemia treated on Tokyo Children's Cancer Study Group (TCCSG) clinical trials. *Int J Hematol* 100(2):180-187, 2014
25. Kato N, Kondo M, Okubo I, Hasegawa T. Length of hospital stay in Japan 1971-2008: hospital ownership and cost-containment policies. *Health Policy* 115(2-3):180-188, 2014
26. Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med* 53(18):2149-2152, 2014
27. Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec type IV, ST8). *J Infect Chemother* 20(10):643-646, 2014
28. Kishi K, Takeda E, Nagata Y, Suzuki J, Monma T, Asanuma T. The Japanese Criminal Thinking Inventory: Development, Reliability, and Initial Validation of a New Scale for Assessing Criminal Thinking in a Japanese Offender Population. *Int J Offender Ther Comp Criminol* doi: 10.1177/0306624x14533937, 2014
29. Kiyokawa N, Iijima K, Tomita O, Miharu M, Hasegawa D, Kobayashi K, Okita H, Kajiwara M, Shimada H, Inukai T, Makimoto A, Fukushima T, Nanmoku T, Koh K, Manabe A, Kikuchi A, Sugita K, Fujimoto J, Hayashi Y, Ohara A. Significance of CD66c expression in childhood acute lymphoblastic leukemia. *Leuk Res* 38(1):42-48, 2014
30. Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant lymphoma in the parasellar region. *Case Rep Med* 2014:747280, 2014
31. Konishi S, Ng CF, Stickley A, Nishihata S, Shinsugi C, Ueda K, Takami A, Watanabe C. Particulate matter modifies the association between airborne pollen and daily medical consultations for

- pollinosis in Tokyo. *Sci Total Environ* 499:125-132, 2014
32. Kurihara H, Maeno T, Maeno T. Importance of physicians' attire: factors influencing the impression it makes on patients, a cross-sectional study. *Asia Pac Fam Med* 13(1):2, 2014
33. Kashiwagi M, Tamiya N, Murata M. Characteristics of visiting nurse agencies with high home death rates: A prefecture-wide study in Japan. *Geriatrics & Gerontology International* doi: 10.1111/ggi.12372, 2014
34. Marushima A, Nakai Y, Ikeda G, Tsuruta W, Tsurushima H, Suzuki K, Matsumura A. Cerebro-cardiovascular risk factors are equivalent for retinal ischemia and cerebral ischemia patients with carotid artery stenosis. *Journal of Neurological Disorder and Stroke* 2 1045, 2014
35. Masuda Y, Yamamoto T, Akutsu H, Shiigai M, Masumoto T, Ishikawa E, Matsuda M, Matsumura A. Usefulness of subtraction of 3D T2WI-DRIVE from contrast-enhanced 3D T1WI: preoperative evaluations of the neurovascular anatomy of patients with neurovascular compression syndrome. *AJNR Am J Neuroradiol* doi: 10.3174/ajnr.A4130, 2014
36. Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int* 5:54, 2014
37. Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep* 75(1):e67-72, 2014
38. Matsukawa R, Michikawa T, Ueda K, Nitta H, Kawasaki T, Tashiro H, Mohri M, Yamamoto Y. Desert dust is a risk factor for the incidence of acute myocardial infarction in Western Japan. *Circ Cardiovasc Qual Outcomes* 7(5):743-748, 2014
39. Matsumura H, Suzuki H, Ito Y, Kino H, Tamai K, Notake S, Nakamura K, Shiigai M, Uemura K, Matsumura A. A case of cavernous sinus thrombosis caused by dialister pneumosintes, slackia exigua, and prevotella baroniae. *JMM Case Rep* 2014 doi:10.1099/jmmcr.0.002683, 2014
40. Michikawa T, Ueda K, Takeuchi A, Kinoshita M, Hayashi H, Ichinose T, Nitta H. Impact of short-term exposure to fine particulate matter on emergency ambulance dispatches in Japan. *J Epidemiol Community Health* doi: 10.1136/jech-2014-203961, 2014
41. Michikawa T, Ueda K, Takeuchi A, Tamura K, Kinoshita M, Ichinose T, Nitta H. Coarse particulate matter and emergency ambulance dispatches in Fukuoka, Japan: a time-stratified case-crossover study. *Environ Health Prev Med* doi: 10.1007/s12199-014-0439-x, 2014
42. Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol* doi: 10.1016/j.prro.2014.03.012, 2014

43. Mizuno T, Nishimura M, Ajimi A, Nishidate A, Okoshi K, Tokuda K. Research Related to the Nursery Teachers'Diet Instruction for Autistic Children with Extreme Picky Eating. *The Asian Society of Child Care* 5:1-10, 2014
44. Mizuno T, Okoshi K. Discussion on How to Utilize Picture Cards Effectively in Childcare Scene : Basee on the Examples of Mistakes in Composing and Using Picture Cards. *The Asian Journal of Disable Sociology* 14:57-64, 2014
45. Moges A, Tamiya N, Yamamoto H. Emerging population ageing challenges in Africa: A case of ethiopia. *Journal of International Health* 29(1): 11-15, 2014
46. Moriyama Y, Tamiya N, Kamimura A, Sandoval F, Luptak M. Doctors' opinion papers in long-term care need certification in Japan: Comparison between clinic and advanced treatment hospital settings. *Public Policy and Administration Research* 4(9):31-37, 2014
47. Murakoshi N, Xu D, Sairenchi T, Igarashi M, Irie F, Tomizawa T, Tada H, Sekiguchi Y, Yamagishi K, Iso H, Yamaguchi I, Ota H, Aonuma K. Prognostic impact of supraventricular premature complexes in community-based health checkups: the Ibaraki Prefectural Health Study. *Eur Heart J* doi: 10.1093/euroheartj/ehu407, 2014
48. Nakai K, Yamamoto T, Kumada H, Matsumura A. Boron neutron capture therapy for glioblastoma: A phase-I/II clinical trial at JRR-4. *European Association of Neuro Oncology Magazine* 4:116-123, 2014
49. Oikaw M, Sonko A, Faye EO, Ndiaye P, Diadhiou M, Kondo M. Assessment of maternal satisfaction with facility-based childbirth care in the rural region of Tambacouda, Senegal. *Afr J Reprod Health* 18(4):95-104, 2014
50. Okamoto E, Ishikawa E, Yamamoto T, Matsuda M, Nakai K, Matsushita A, Masuda Y, Akutsu H, Ayuzawa S, Sakamaki F, Matsumoto Y, Matsumura A. Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. *Clin Neurophysiol* doi: 10.1016/j.clinph.2014.10.005, 2014
51. Oyama Y, Fukahori H, Miyashita M, Narama M, Kono A, Atogami F, Kashiwagi M, Okaya K, Takamizawa E, Yoshizawa T. Cross-sectional online survey of research productivity in young Japanese nursing faculty. *Jpn J Nurs Sci* doi: 10.1111/jjns.12060, 2014
52. Oyama Y, Kashiwagi M. Factors related to job satisfaction of visiting nurses in Japan: a cross-sectional study. *Research on Humanities Social Sciences* 4(11):137-142, 2014
53. Ozone S, Takayashiki A, Maeno T. How can Japanese University-based Primary Care Physicians Attend International Conferences? *General Medicine* 15(12):150-153, 2014
54. Purps J, Siegert S, Willuweit S, Nagy M, Alves C, Salazar R, Angustia SM, Santos LH, Anslinger K, Bayer B, Ayub Q, Wei W, Xue Y, Tyler-Smith C, Bafalluy MB, Martinez-Jarreta B, Egyed B, Balitzki B, Tschumi S, Ballard D, Court DS, Barrantes X, Bassler G, Wiest T, Berger B, Niederstatter H,

- Parson W, Davis C, Budowle B, Burri H, Borer U, Koller C, Carvalho EF, Domingues PM, Chamoun WT, Coble MD, Hill CR, Corach D, Caputo M, D'Amato ME, Davison S, Decorte R, Larmuseau MH, Ottoni C, Rickards O, Lu D, Jiang C, Dobosz T, Jonkisz A, Frank WE, Furac I, Gehrig C, Castella V, Grskovic B, Haas C, Wobst J, Hadzic G, Drobnić K, Honda K, Hou Y, Zhou D, Li Y, Hu S, Chen S, Immel UD, Lessig R, Jakovski Z, Ilievska T, Klann AE, Garcia CC, de Knijff P, Kraaijenbrink T, Kondili A, Miniati P, Vouropoulou M, Kovacevic L, Marjanovic D, Lindner I, Mansour I, Al-Azem M, Andari AE, Marino M, Furfuro S, Locarno L, Martin P, Luque GM, Alonso A, Miranda LS, Moreira H, Mizuno N, Iwashima Y, Neto RS, Nogueira TL, Silva R, Nastainczyk-Wulf M, Edelmann J, Kohl M, Nie S, Wang X, Cheng B, Nunez C, Pancorbo MM, Olofsson JK, Morling N, Onofri V, Tagliabracci A, Pamjav H, Volgyi A, Barany G, Pawlowski R, Maciejewska A, Pelotti S, Pepinski W, Abreu-Glowacka M, Phillips C, Cardenas J, Rey-Gonzalez D, Salas A, Brisighelli F, Capelli C, Toscanini U, Piccinini A, Piglionica M, Baldassarra SL, Ploski R, Konarzewska M, Jastrzebska E, Robino C, Sajantila A, Palo JU, Guevara E, Salvador J, Ungria MC, Rodriguez JJ, Schmidt U, Schlauderer N, Saukko P, Schneider PM, Sirker M, Shin KJ, Oh YN, Skitsa I, Ampati A, Smith TG, Calvit LS, Stenzl V, Capal T, Tillmar A, Nilsson H, Turrina S, De Leo D, Verzeletti A, Cortellini V, Wetton JH, Gwynne GM, Jobling MA, Whittle MR, Sumita DR, Wolanska-Nowak P, Yong RY, Krawczak M, Nothnagel M, Roewer L. A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. *Forensic Sci Int Genet* 12:12-23, 2014
55. Sakakura K, Akutsu H, Yamamoto T, Masuda Y, Ishikawa E, Matsumura A. Trigeminal neuralgia in a patient with marfan syndrome: case report. *Neurol Med Chir (Tokyo)* doi: 10.2176/nmc.cr.2013-0072, 2014
56. Sano F, Ohira T, Kitamura A, Imano H, Cui R, Kiyama M, Okada T, Yamagishi K, Sankai T, Tanigawa T, Kario K, Iso H. Heavy alcohol consumption and risk of atrial fibrillation. The Circulatory Risk in Communities Study (CIRCS). *Circ J* 78(4):955-961, 2014
57. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T, Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
58. Satoh J, Motohashi N, Kino Y, Ishida T, Yagishita S, Jinnai K, Arai N, Nakamagoe K, Tamaoka A, Saito Y, Arima K. LC3, an autophagosome marker, is expressed on oligodendrocytes in Nasu-Hakola disease brains. *Orphanet J Rare Dis* 9:68, 2014
59. Shimada M, Teramoto S, Matsui H, Tamura A, Akagawa S, Ohta K, Hebisawa A. Nine pulmonary aspiration syndrome cases of atypical clinical presentation, in which the final diagnosis was obtained by histological examinations. *Respir Investig* 52(1):14-20, 2014
60. Shioya A, Takuma H, Shiigai M, Ishii A, Tamaoka A. Sixth nerve palsy associated with obstruction in Dorello's canal, accompanied by nodular type muscular sarcoidosis. *J Neurol Sci*

343(1-2):203-205, 2014

61. Shioya A, Takuma H, Yamaguchi S, Ishii A, Hiroki M, Fukuda T, Sugie H, Shigematsu Y, Tamaoka A. Amelioration of acylcarnitine profile using bezafibrate and riboflavin in a case of adult-onset glutaric acidemia type 2 with novel mutations of the electron transfer flavoprotein dehydrogenase (ETFDH) gene. *J Neurol Sci* 346(1-2):350-352, 2014
62. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of boron content liposome modified protein-transduction domains for boron neutron capture therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
63. Shono A, Kondo M. Parents' preferences for seasonal influenza vaccine for their children in Japan. *Vaccine* 32(39):5071-5076, 2014
64. Shono A, Kondo M., Ohmae H, Okubo I. Willingness to pay for public health services in rural Central Java, Indonesia: methodological considerations when using the contingent valuation method. *Soc Sci Med* 110:31-40, 2014
65. Shono A, Kondo M. Factors that affect voluntary vaccination of children in Japan. *Vaccine* doi: 10.1016/j.vaccine.2014.12.014, 2014
66. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014
67. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr* 54(1):26-30, 2014
68. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014:989574, 2014
69. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014
70. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
71. Takaoka E, Miyazaki J, Kimura T, Kojima T, Kawai K, Murata Y, Itoguchi N, Minami Y, Nakamura T, Honda K, Nishiyama H. Concurrent urothelial carcinoma in the renal pelvis of an allograft kidney and native recipient bladder: evidence of donor origin. *Jpn J Clin Oncol* 44(4):366-369, 2014
72. Tanaka Y, Manabe A, Fukushima H, Suzuki R, Nakadate H, Kondoh K, Nakamura K, Koh K, Fukushima T, Tsuchida M, Koike K, Kiyokawa N, Noguchi E, Sumazaki R, Komiyama T. Multidrug

- resistance protein 4 (MRP4) polymorphisms impact the 6-mercaptopurine dose tolerance during maintenance therapy in Japanese childhood acute lymphoblastic leukemia. *Pharmacogenomics J* doi: 10.1038/tpj.2014.74, 2014
73. Teramoto S. Clinical significance of aspiration pneumonia and diffuse aspiration bronchiolitis in the elderly. *J Gerontol Geriat Res* 3(1):142, 2014
74. Tokuda K, Mizuno T. Characteristic of Tactile Ground Surface Indicators Setup in Central America and South America. *The Asian Journal of Disable Sociology* 14:1-13, 2014
75. Tokunaga M, Hashimoto H, Tamiya N. A gap in formal long-term care use related to characteristics of caregivers and households, under the public universal system in Japan: 2001-2010. *Health Policy* doi: 10.1016/j.healthpol.2014.10.015, 2014
76. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014
77. Tsujimoto T, Sairenchi T, Iso H, Irie F, Yamagishi K, Watanabe H, Tanaka K, Muto T, Ota H. The dose-response relationship between body mass index and the risk of incident stage  $>/=3$  chronic kidney disease in a general Japanese population: the Ibaraki prefectural health study (IPHS). *J Epidemiol* 24(6):444-451, 2014
78. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
79. Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol* 31(3):182-186, 2014
80. Xu D, Murakoshi N, Sairenchi T, Irie F, Igarashi M, Nogami A, Tomizawa T, Yamaguchi I, Yamagishi K, Iso H, Ota H, Aonuma K. Anemia and reduced kidney function as risk factors for new onset of atrial fibrillation (from the Ibaraki prefectural health study). *Am J Cardiol* doi: 10.1016/j.amjcard.2014.10.041, 2014
81. Yamagishi K, Ikeda A, Moriyama Y, Chei CL, Noda H, Umesawa M, Cui R, Nagao M, Kitamura A, Yamamoto Y, Asada T, Iso H. Serum coenzyme Q10 and risk of disabling dementia: the Circulatory Risk in Communities Study (CIRCS). *Atherosclerosis* 237(2):400-403, 2014
82. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
83. Yamaoka Y, Tamiya N, Fujiwara T, Yamasaki Y, Matsuzawa A, Miyaishi S. Child deaths with persistent neglected experiences from medico-legal documents in Japan. *Pediatr Int* doi:

10.1111/ped.12531, 2014

84. Yano S, Honda K, Kaminiwa J, Nishi T, Iwabuchi Y, Sugano Y, Kurosu A, Suzuki Y. DNA extraction for short tandem repeat typing from mixed samples using anti-human leukocyte CD45 and ABO blood group antibodies. *Forensic Sci Int Genet* 10:17-22, 2014
85. Yonekura T, Takeda K, Shetty V, Yamaguchi M. Relationship between salivary cortisol and depression in adolescent survivors of a major natural disaster. *J Physiol Sci* 64(4):261-267, 2014
86. Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot* 88:86-88, 2014

## 2) 英文以外の論文

1. 阿久津博義, 増田洋亮, 松村明. 画像誘導手術支援技術: 術中 MRI. *Science Academy of Tsukuba* 26:8-9, 2014
2. 阿部智一. 頭頸部・気道熱傷患者の術後経腸栄養管理. *ヒューマンニュートリション* 6(3):80-83, 2014
3. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 日本で一番多い中毒はなに?. *レジデンント* 7(2):97-99, 2014
4. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 身近な危険! カフェイン中毒. *レジデンント* 7(3):139-141, 2014
5. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- うぎやー! クモに咬まれた!. *レジデンント* 7(4):103-105, 2014
6. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- それって本当にアレルギー?. *レジデンント* 7(5):119-121, 2014
7. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 高カリウム血症への対応~レジデントが行わなければ間に合わない. *レジデンント* 7(6):111-113, 2014
8. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 血液透析ですべての薬物が排出できるわけではない!. *レジデンント* 7(7):107-109, 2014
9. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 暑い日には、水を飲みなさい?. *レジデンント* 7(8):119-121, 2014
10. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- たまにはやります NG挿入・活性炭投与. *レジデンント* 7(9):121-123, 2014
11. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 急性アルコール中毒ですか?. *レジデンント* 7(10):99-101, 2014
12. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- マムシに咬まれた!. *レジデンント* 7(11):113-115, 2014

13. 阿部智一, 水谷太郎. 連載 Toxicovigilance -毒を診る- 吸入薬のリスク！～使い方を理解できるまで説明していますか？～. レジデント 7(12):113-115, 2014
14. 池田朋広, 小池純子, 幸田実, 稲本淳子, 森田展彰. 物質使用障害と精神病性障害を併せ持つ者への地域支援策の検討 薬物依存症リハビリテーション施設への全国調査から. 日本アルコール・薬物医学雑誌 49(6):340-355, 2014
15. 池田朋広, 小池純子, 森田展彰, 合川勇三, 松本俊彦, 稲本淳子, 岩波明. 措置入院指定病院に入院する違法物質使用障害者の実態調査 退院時における逮捕群と非逮捕群との比較から. 日本社会精神医学会雑誌 23(2):112-122, 2014
16. 石川栄一, 坪井康次, 高野晋吾, 松村明. 「グリオーマ」、トピックス：グリオーマに対する免疫療法. クリニシアン 627(61):357-362, 2014
17. 石川宏明, 田地広明, 山口哲人, 保坂愛, 野寺博志, 寺本信嗣. 難治性誤嚥性肺炎を契機に診断した高齢発症筋萎縮性側索硬化症の1例. 日本呼吸器学会誌 3(2):297-299, 2014
18. 河野禎之, 大和田彩乃, 野口代, 山中克夫. 現在の大学生の持つ高齢者に対するイメージ：約20年前の調査結果との比較から. 老年社会科学 36(2):196, 2014
19. 木野弘善, 高野晋吾, 坂本規彰, 石川栄一, 山本哲哉, 松田真秀, 中井啓, 阿久津博義, 野口雅之, 松村明. グリア系腫瘍の免疫染色定量評価. Brain Tumor Pathology 31(Suppl.):081, 2014
20. 金正和, 山中克夫, 花里俊廣. 高齢者施設における介護ボランティア導入についての介護者・入居者の評価－介護支援ボランティア制度導入直後の調査. デザイン学研究 61(4):33-40, 2014
21. 黒崎裕一郎, 川島正裕, 寺本信嗣. クラリスロマイシンの耐性化を確認した肺Mycobacterium avium complex症の2例. 結核 89(5):565-569, 2014
22. 桑原里佳, 野口代, 山中克夫. 介護費用の財源に対する大学生の意識とその関連要因. 厚生の指標 61(5):39-45, 2014
23. 小池純子, 針間博彦, 宮城純子, 森田展彰, 中谷陽二. 研究と報告 触法精神障害者の長期入院例 社会復帰阻害要因に焦点をあてて. 精神医学 56(11):931-940, 2014
24. 香田泰子, 武田文, 門間貴史. 高齢化する知的障害者施設における職員の仕事満足感に関する労働要因. 高齢者ケアリング学研究会誌 5(1):24-33, 2014
25. 小坂雅人, 近藤正英, 大久保一郎. がん検診受診率の向上が死亡保険金に与える影響. 日本保険医学会誌 112(1):30-42, 2014
26. 小曾根早知子, 高屋敷明由美, 前野貴美, 前野哲博. 地域診療所において短期間勤務する医師が診療に加わることを、患者はどう思っているか? 日本プライマリ・ケア連合学会誌 37(3):219-224, 2014
27. 小松洋治, 木村泰, 平田浩二, 木野弘善, 小磯隆雄, 伊藤嘉朗, 中村和弘, 上村和也, 松村明. 80歳以上におけるくも膜下出血の治療手禁忌と直達手術適応. 脳卒中の外科 42(247-252, 2014
28. 坂倉和樹, 鮎澤聰, 増田洋亮, 金暎浩, 松村明. 起立性頭痛を呈さなかった特発性髄液圧症候

- 群に伴う両側慢性硬膜下血腫の1例. 脳神経外科 42(4):341-345, 2014
29. 坂本晴美, 高田祐, 稻田晴彦, 奥野純子, 柳久子. 介護老人保健施設におけるリハビリテーションの利用者満足度に関連する要因の検討. 日本プライマリ・ケア連合学会誌 37(4):324-332, 2014
30. 坂本規彰, 石川栄一, 山本哲哉, 中井啓, 松田真秀, 里見介史, 高野晋吾, 松村明. 悪性 glioma の再発時病理組織の検討. Brain Tumor Pathology 31(Suppl.):126, 2014
31. 佐野直樹, 田村孝史, 福永潔, 高野恵輔, 山岸良匡, 正田純一, 相川達也, 大河内信弘. 茨城県における肝細胞癌疫学調査. 肝臓 55(12):767-770, 2014
32. 佐々木理人, 増本幸二, 新開統子, 五藤周, 瓜田泰久, 上杉達, 玉井香菜, 福島敬, 佐藤泰樹, 野口雅之. 両側副腎部分切除術を施行し、機能を温存し得た副腎褐色細胞腫の1例. 日本小児外科学会雑誌 50(5):910-915, 2014
33. 須賀明子, 伊藤寿美, 森田展彰, 斎藤環. 思春期世代を教育する教員のDVの知識と予防教育への考え. 思春期学 32(2):265-271, 2014
34. 須賀朋子, 森田展彰, 斎藤環. 高校生へのDV予防に向けての介入研究. 思春期学 32(4):404-412, 2014
35. 須賀朋子, 森田展彰, 斎藤環. 中学生・高校生のDVについての知識と考え方の実態. アディクションと家族 29(4):352-359, 2014
36. 鈴木健嗣, 上野友之, 寺元洋平, 中井啓, 江口清, 鮎澤聰, 日高紀久江, 松村明. 嘸下機能評価のための頸部装着型持続的嘔下モニターの開発. 嘔下医学 3(1):142, 2014
37. 高田祐, 藤田好彦, 久保田智洋, 稻田晴彦, 奥野純子, 柳久子. 地域在住高齢者における多重課題条件下での歩行能力と転倒リスク調査との関連性. 理学療法科学 29(2):201-205, 2014
38. 高原恵子, 森田展彰, 大谷保和, 梅野充, 幸田実, 池田朋広, 谷部陽子, 阿部幸枝, 近藤恒夫. 薬物依存症者に対する就労支援に関する研究 薬物依存症回復支援施設に対する全国調査から. 日本アルコール・薬物医学会雑誌 49(2):104-118, 2014
39. 竹田一則, 名川勝, 有海順子, 森まゆ, 青木真純, 田原敬. 大学における障害学生支援の現状と課題 -筑波大学障害学生支援室の取り組みを通して- リハビリテーション・エンジニアリング 29(4):199-120, 2014
40. 玉岡晃. めまい診療の実際～中枢性めまいを中心～. 茨城保険医新聞 10月号):6, 2014
41. 玉岡晃. 神経疾患における抗体療法 アルツハイマー病に対する免疫療法. NEUROINFECTION 19(1):68-75, 2014
42. 玉岡晃. 【伝播する蛋白質:プリオノイド仮説】 タウ蛋白. 神経内科 81(6):622-629, 2014
43. 玉岡晃. 【生活習慣病・老年疾患と認知症】 総説(生活習慣病の進展を踏まえて) アルツハイマー病の発症メカニズム 最近の進歩と診療への応用. Geriatric Medicine 52(7):733-739, 2014
44. 玉岡晃. 【病因仮説再考】 アルツハイマー病の病態仮説 アミロイドβ蛋白を中心に.

Dementia Japan 28(1):3-10, 2014

45. 鶴嶋英夫, 伊藤嘉朗, 丸島愛樹, 松村明. 最新臨床脳卒中学(上) —最新の診断と治療— FGF-2 徐放性 drug delivery system による虚血脳組織に対する保護および血管新生治療. 日本臨床 72(5):403-406, 2014
46. 寺田真, 石井一弘, 玉岡晃. 【症候性 dementia】 多発性硬化症に伴う dementia. 神経内科 80(1):43-48, 2014
47. 寺本信嗣. 超高齢社会における誤嚥性肺炎の予防と治療 誤嚥性肺炎は夜作られる. 日本臨床内科医会会誌 29(4):525-529, 2014
48. 寺本信嗣. 臨床医ほど研究すべし. 呼吸 33(6):529-530, 2014
49. 寺本信嗣. 高齢者肺炎の大半は誤嚥性肺炎に NHCAP が明かした誤嚥性肺炎の新たな姿. JAPAN MEDICINE MONTHLY 53(6):2, 2014
50. 寺本信嗣. 誤嚥性肺炎の診断法の開発と新治療戦略. 日本呼吸ケア・リハビリテーション学会誌 24(1):7-12, 2014
51. 寺本信嗣, 間辺利江. 【感染症診療 update】 (II章) 主要な臓器感染症 肺炎 誤嚥性肺炎. 日本医師会雑誌 143(特別2):S140-S141, 2014
52. 寺本信嗣, 吉田和史, 間辺利江. 【内科疾患 最新の治療 明日への指針】 (第1章) 呼吸器嚥下性肺炎. 内科 113(6):1031-1032, 2014
53. 寺本信嗣, 吉田和史. 【呼吸器感染症 2015】 宿主側の要因と呼吸器感染症 医療・介護に関連した呼吸器感染症. 日本胸部臨床 73(増刊):S117-S122, 2014
54. 寺本信嗣, 吉田和史. 【これからの中高齢者肺炎診療マネジメント】 高齢者肺炎の基本的知識 現状から発症メカニズムまで. 日本医事新報 4710):20-26, 2014
55. 寺本信嗣, 吉田和史. COPD を改めて問う。定義：呼吸機能のみで疾患を定義づけることが可能か. The Lung perspective 22(2):121-127, 2014
56. 寺元洋平, 上野友之, 長柄昌浩, 鈴木健嗣, 中井啓, 山本詞子, 富所康志, 玉岡晃, 江口清, 松村明. 進行性球麻痺における嚥下圧および嚥下音の検討. 嚥下医学 3(1):143-144, 2014
57. 寺元洋平, 上野友之, JayatilakeDushantha, 鈴木健嗣, 中井啓, 日高紀久江, 鮎澤聰, 江口清, 松村明. 嚥下造影検査と高解像度マノメトリーとの同時記録による嚥下音の検討. 嚥下医学 3(2):320, 2014
58. 中井啓, 松村明. 脳神経外科リハビリテーションにおけるロボティクス技術の応用. 脳神経外科 42(7):605-613, 2014
59. 平田浩二, 小松洋治, 木村泰, 松村明. 教訓的症例に学ぶシリーズ 遺残性原始三叉動脈に両側内頸動脈病変を伴った1例. Neurological Surgery 42(6):575-580, 2014
60. 藤田好彦, 奥野純子, 稻田晴彦, 白石英樹, 堀田和司, 岩崎也生子, 柳久子. 虚弱高齢者における注意機能と身体機能との関連の検討 地域在住高齢者を対象に. 茨城県立医療大学紀要 19(83-91, 2014

61. 藤原愛子, 武田文. 小学校低学年における幼若永久歯う蝕とフッ化物配合歯磨き剤使用方法との関連. 日本歯科衛生学会雑誌 8(2):38-45, 2014
62. 保坂孝史, 優田直美, 中馬越清隆, 石井一弘, 高橋幸利, 玉岡晃. 先行感染後に opsoclonus-myoclonus syndrome を認め、髄液中の抗 GluRδ2 抗体と GluRe2 抗体が陽性であった 1 例. 運動障害 24(1):1-6, 2014
63. 本田克也. DNA 鑑定はどこまで正当か(1) DNA による科学的鑑定法の進歩とその課題(1). 季刊 刑事弁護 78(2):86-93, 2014
64. 本田克也. DNA 鑑定はどこまで正当か (2) DNA による科学的鑑定法の進歩とその課題 (2) 季刊 刑事弁護 79(3):172-179, 2014
65. 本田克也. DNA 鑑定はどこまで正当か (3) 検出技術の歴史的発展とその原理(1) 季刊 刑事弁護 80(4):203-211, 2014
66. 松尾知平, 石川宏明, 田地恩田広明, 吉田和史, 寺本信嗣. 脳梗塞後症候性てんかん患者の誤嚥性肺炎の治療中に発症した滲出性結核の剖検例. 日本老年医学会雑誌 51(5):460-465, 2014
67. 松村明. 脳神経外科と放射線治療のコラボレーション. JASTRO NEWSLETTER 113(19, 20, 2014)
68. 松村明, 室井愛. 中頭蓋窩の arachnoid cyst (くも膜囊胞) は手術が必要か くも膜囊胞は手術を検討すべきである. Headache Clinical & Science 5(2):20-22, 2014
69. 松村明, 室井愛. 神経症候群 IV (第 2 版) —その他の神経疾患を含めて—先天異常／先天奇形 先天形態形成異常 神経管形成の異常 重複脊髄. 日本臨床別冊神経症候群 IV 57-60, 2014
70. 松村えりか, 山口哲人, 富所康志, 石井亜紀子, 玉岡晃. 関節拘縮を主症状とし骨格筋にアミロイド沈着をみとめた AL アミロイドーシスの 68 歳男性例. 臨床神経学 54(11):907-910, 2014
71. 水野智美, 徳田克己. 身体障害、発達障害の理解教育の段階モデルの提案. 障害理解研究 15:1-8, 2014
72. 山根真紀, 武田文. マスターズスキーの現状—参加者の人数・性・年代・地域別特徴と県スキー連盟の取り組み—. スキー研究 11(1):43-50, 2014
73. 山本哲哉, 松村明. 【神経症候群 (第 2 版) —その他の神経疾患を含めて—】腫瘍性疾患 神経上皮性腫瘍 松果体部腫瘍 松果体細胞腫. 日本臨床別冊神経症候群 III 157-160, 2014
74. 山本詞子, 横山泰久, 栗田尚樹, 高岩直子, 玉岡晃. 馬尾症候群を呈した血管内リンパ腫の 1 例. 日本国内科学会雑誌 103(7):1696-1698, 2014
75. 宮下裕美子, 田宮菜奈子, 本澤巳代子, 間辺利江, 柏木志保, モゲス・アブ・ギルマ, 大久保一郎, 田中洋子, 松田ひとみ. 筑波大学グローバルエイジングセンターの活動 地球規模の高齢社会に向けた国際的・学際的取り組み. 高齢者ケアリング学研究会誌 4(2):33-39, 2014
76. 吉田和史, 寺本信嗣. 【身につけたい・知っておきたい肺炎診療】 肺炎の新しい流れ 誤

- 嚥性肺炎の予防と治療. 月刊レジデント 7(11):69-75, 2014
77. 吉田和史, 寺本信嗣. 発熱時の低酸素血症. 日本医事新報 4707):61-62, 2014
78. 渡邊真哉, 阿久津博義, 高野晋吾, 山本哲哉, 石川栄一, 松村明. カベルゴリンによるプロラクチノーマの長期治療成績と再発例の検討. 日本内分泌学会雑誌 90(Suppl.HPT):22-24, 2014

### 3) 英文著書

1. Matsushita A, Ayuzawa S, Matsumura A. Electroneurophysiology and Brain Functional Imaging for Brain-Machine-Interface; in "Cybernetics: Fusion of human, machine and information systems (1st edition)" (edited by Sankai Y, Suzuki K, Hasegawa Y), Springer (Berlin) 2014; pp267-287
2. Hasebe K, Kawamoto H, Matsushita A, Kamibayashi K. Safety and Ethical Issues in the Development of Human Assistive Robots; in "Cybernetics: Fusion of human, machine and information systems (1st edition)" (edited by Sankai Y, Suzuki K, Hasegawa Y), Springer (Berlin) 2014; pp299-313
3. Teramoto S. 5. Swallowing, Gastroesophageal Reflux and Sleep Apnea; in "Sleep and its Disorders Affect Society (1st edition)" (edited by Idzikowski C), In Tech (Croatia) 2014; pp99-111

### 4) 英文以外の著書

1. "救急・集中治療ビジュアル診断 ((訳) 阿部智一)", 西村書店 (東京) 2014; pp1-235
2. 玉岡晃. Alzheimer 病; "イヤーノート TOPICS 2014-2015 (第 4 版)" (編集 岡庭豊, 荒瀬康司, 三角和雄), メディックメディア (東京) 2014; pp312-315
3. 玉岡晃. 13. 認知症治療薬; "Pocket Drugs 2014 (第 1 版)" (編集 福井次矢, 小松康宏, 渡邊裕司), 医学書院 (東京) 2014; pp112-114
4. 寺本信嗣. PartII ,5-2. 呼吸器疾患、誤嚥性肺炎; "臨床栄養実践ガイド (第 1 版)" (編集 丹羽利光), 中外医学社 (東京) 2014; pp199-205
5. 寺本信嗣. 3 章 2. 医療・介護関連肺炎; "高齢者総合診療ノート (第 1 版)" (編集 大庭建三), 日本医事新報社 (東京) 2014; pp233-238
6. 徳田克己, 水野智美. 1、3. 発達障害の傾向のある保護者、精神疾患のある保護者; "知らないとトラブルになる! 配慮の必要な保護者への支援 (第 1 版)" (編集 徳田克己), 学研 (東京) 2014; pp16-25、58-67
7. 前野哲博. 新たに導入される総合診療専門医の位置づけと薬剤師との連携; "日本プライマリ・ケア連合学会 薬剤師研修ハンドブック 基礎編 (第 1 版)" (編集 日本プライマリ・ケア連合学会), 南山堂 (東京) 2014; pp18-21
8. 前野哲博, 横谷省治, 吉田伸. Section B スキル構築. B 2 チェックポイント 1 (統合) : ラボールを構築するスキル; "The inner consultation 内なる診療 (第 1 版)" (監訳 草場鉄周), カイ書林 (東京) 2014; pp159-202

9. 水野智美. 15、16、17. 発達障害の子どもにかかる際の大原則、発達障害がある子どもが日常生活に問題を抱える理由と支援のコツ、子どもの困った行動にどう対応したらよいか; "うちの子、ちょっとへン? 発達障害・気になる子どもを上手に育てる 17 章(第 1 版)"(編集 水野智美, 監修 徳田克己), 福村出版(東京) 2014; pp68-153
10. 水野智美. 1-2、2. 気になる子どもの偏食の原因と対応、偏食への対応の具体的方法; "具体的な対応がわかる 気になる子の偏食(第 1 版)"(編集 水野智美, 監修 徳田克己), チャイルド本社(東京) 2014; pp12-18、24-46
11. 本澤巳代子. 「介護保障」「社会保障」;"トピック社会保障法(第 8 版)"(編集 本澤巳代子, 新田秀樹), 不磨書房(東京) 2014; pp25-48、245-259
12. 本澤巳代子. 家族法と社会保障法の交錯—社会の中の生きた法-; "家族法と社会保障法の交錯—本澤巳代子先生還暦記念—" (編集 古橋エツ子, 床谷文雄, 新田秀樹), 信山社(東京) 2014; pp499-520
13. 本澤巳代子. 老親扶養の義務は誰に (1) : 扶養の権利義務」「老親扶養の義務は誰に (2) : 扶養の順位と方法」「新しい成年後見制度」「コラム 9 任意後見制度」「成年後見人の選任と職務」「コラム 10 高齢者介護と成年養子」「老親を看取る」;"よくわかる家族法(第 1 版)"(編集 古橋エツ子, 床谷文雄, 新田秀樹), ミネルヴァ書房(東京) 2014; pp128-141
14. 森山葉子, 田宮菜奈子. 高齢者医療・介護(ケア); "社会調査事典(第 1 版)"(編集一般社団法人社会調査協会), 丸善出版株式会社(東京) 2014; pp 598-601
15. 森田展彰. トラウマとメンタルヘルス; "公衆衛生実践キーワード—地域保健活動の今がわかる明日がみえる(第 1 版)"(編集 鳩野洋子, 島田美喜), 医学書院(東京) 2014; pp110-111
16. "筑西市健康副読本: めざせ! ず~っとけんこう!! (第 8 版)"(編集 磯博康, 山岸良匡), 筑西市(筑西) 2014; pp1-30
17. 山中克夫. 高齢者福祉の現状 行政施策の課題; "わかりやすい社会福祉・社会保障(第 7 刷小改訂)"(編集 眞船拓子, 杉本正子, 結城俊哉, 丸山美和子), ヌーヴェルヒロカワ(東京) 2014; pp62-66
18. 山中克夫. 日本版 WAIS-□の開発; "発達障害者の生涯発達における認知特性面からの能力評価方法の開発と活用ガイドライン作成に関わる研究、平成 23 年度~25 年度、総合研究報告書(編集 研究代表者上野一彦), 厚生労働省科学研究費補助金障害者対策総合研究事業(精神障害分野)(東京) 2014; pp31-49
19. 山中克夫. 日本版 WAIS-□(研究版)の活用 ~認知能力の評価と発達障害者への活用; "発達障害者の生涯発達における認知特性面からの能力評価方法の開発と活用ガイドライン作成に関わる研究、平成 23 年度~25 年度、総合研究報告書(編集 研究代表者上野一彦), 厚生労働省科学研究費補助金障害者対策総合研究事業(精神障害分野)(東京) 2014; pp62-69
20. 山中克夫. 軽度認知障害(MCI)・加齢関連認知低下(AACD); "高齢者のこころとからだ事典(監修 日本老年行動科学会)", 中央法規(東京) 2014; pp196-197

21. 山中克夫. 高齢者の福祉 (1) : 介護保険; "誠信心理学辞典 (編集 下山晴彦編集代表), 誠信書房 (東京) 2014; pp680-682

## 生体機能制御・再生研究グループ

### 1) 英文論文

1. Abe C, Uto Y, Kawasaki A, Noguchi C, Tanaka R, Yoshitomi T, Nagasaki Y, Endo Y, Hori H. Evaluation of the in vivo antioxidative activity of redox nanoparticles by using a developing chicken egg as an alternative animal model. *J Control Release* 182:67-72, 2014
2. Halupka-Bryl M, Asai K, Thangavel S, Bednarowicz M, Krzyminiewski R, Nagasaki Y. Synthesis and in vitro and in vivo evaluations of poly (ethylene glycol)-block-poly(4-vinylbenzylphosphonate) magnetic nanoparticles containing doxorubicin as a potential targeted drug delivery system. *Colloids Surf B Biointerfaces* 118:140-147, 2014
3. Horiguchi Y, Nakayama N, Kanayama N, Nagasaki Y. Sulfobetaine-terminated PEG Improves the Qualities of an Immunosensing Surface. *Biomaterials Science* 2(6):819-826, 2014
4. Hossain MA, Yamashita M, Vong LB, Ikeda Y, Nagasaki Y. Silica-installed redox nanoparticles for novel oral nanotherapeutics - improvement in intestinal delivery with anti-inflammatory effects. *J Drug Target* 22(7):638-647, 2014
5. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
6. Ikeda Y, Nagasaki Y. Impacts of PEGylation on the gene and oligonucleotide delivery system. *Journal of Applied Polymer Science* 131(9):40293, 2014
7. Lakshmipriya T, Horiguchi Y, Nagasaki Y. Co-immobilized poly(ethylene glycol)-block-polyamines promote sensitivity and restrict biofouling on gold sensor surface for detecting factor IX in human plasma. *Analyst* 139(16):3977-3985, 2014
8. Masuda Y, Yamamoto T, Akutsu H, Shiigai M, Masumoto T, Ishikawa E, Matsuda M, Matsumura A. Usefulness of subtraction of 3D T2WI-DRIVE from contrast-enhanced 3D T1WI: preoperative evaluations of the neurovascular anatomy of patients with neurovascular compression syndrome. *AJNR Am J Neuroradiol* doi: 10.3174/ajnr.A4130, 2014
9. Nagasaki Y, Yaguchi T, Matsumura T, Yoshitomi T, Ikeda Y, Ueda A, Hirayama A. Design and use of silica-containing redox nanoparticles, siRNP for high-performance peritoneal dialysis. *Biomaterials Science* 2(4):522-5298, 2014
10. Shimizu M, Yoshitomi T, Nagasaki Y. The behavior of ROS-scavenging nanoparticles in blood. *J Clin Biochem Nutr* 54(3):166-173, 2014
11. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
12. Yasui H, Takeuchi R, Nagane M, Meike S, Nakamura Y, Yamamori T, Ikenaka Y, Kon Y, Murotani

- H, Oishi M, Nagasaki Y, Inanami O. Radiosensitization of tumor cells through endoplasmic reticulum stress induced by PEGylated nanogel containing gold nanoparticles. *Cancer Lett* 347(1):151-158, 2014
13. Yoshitomi T, Kuramochi K, Vong LB, Nagasaki Y. Development of nitroxide radicals-containing polymer for scavenging ROS from cigarette smoke. *Science and Technology for Advanced Materials* 15(3):035002, 2014
  14. Yoshitomi T, Nagasaki Y. Reactive oxygen species-scavenging nanomedicines for the treatment of oxidative stress injuries. *Adv Healthc Mater* 3(8):1149-1161, 2014
  15. Yoshitomi T, Sha S, Vong LB, Chonpathompikunlert P, Matsui H, Nagasaki Y. Indomethacin-loaded redox nanoparticles improve oral bioavailability of indomethacin and suppress its small intestinal inflammation. *Ther Deliv* 5(1):29-38, 2014
  16. Zhao Y, Matsuo-Takasaki M, Tsuboi I, Kimura K, Salazar GT, Yamashita T, Ohneda O. Dual functions of hypoxia-inducible factor 1 alpha for the commitment of mouse embryonic stem cells toward a neural lineage. *Stem Cells Dev* 23(18):2143-2155, 2014

### 3) 英文著書

1. Kamumura M, Nagasaki Y. PEGylated ceramic nanophosphors: latest developments and applications; in "Hot Topics in Biomaterials (1st edition)" (edited by LftyAhmed), Future Medicine (London) 2014;pp90-102
2. Kamumura M, Nagasaki Y. 14. PEGylated polymer micelles for anti-cancer drug delivery carrier; in "Colloid and Interface Science in Pharmaceutical Research and Development (1st edition)" (edited by Ohshima H, Makino K), Elsevier (Amsterdam) 2014; pp285-298

### 4) 英文以外の著書

1. 長崎幸夫. 第7部2章2節. PEG ブラシによる高機能バイオインターフェースの創成; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)"(編集 原田明), サイエンス&テクノロジー(東京) 2014; pp180-202
2. 長崎幸夫. 第7部2章5節. 大気圧プラズマを応用した高分子表面の生体適合性改質処理; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)"(編集 原田明), サイエンス&テクノロジー(東京) 2014; pp224-232
3. 長崎幸夫. 第2章1節. バイオマテリアル界面におけるポリエチレングリコールの役割; "超分子材料の設計と応用展開(第1版)"(編集 原田明), シーエムシー出版(東京) 2014; pp128-147
4. 増本智彦. 神経サルコイドーシス, 神経 Behçet 病; "頭部疾患画像アトラス(第1版)"(編集 土屋一洋, 山田惠, 森墾), 羊土社(東京) 2014; pp206-214

5. 増本智彦, 脳腫瘍／頭蓋骨腫瘍 検査法と読影の勘ドコロ 他; "新 頭部画像診断の勘ドコロ (第1版)" (編集 高橋雅士, 前田正幸), メジカルビュー社(東京) 2014; pp162-175

## 筑波発ナノ粒子の包括的臨床応用

### 1) 英文論文

1. Abe C, Uto Y, Kawasaki A, Noguchi C, Tanaka R, Yoshitomi T, Nagasaki Y, Endo Y, Hori H. Evaluation of the in vivo antioxidative activity of redox nanoparticles by using a developing chicken egg as an alternative animal model. *J Control Release* 182:67-72, 2014
2. Akashi Y, Oda T, Ohara Y, Miyamoto R, Kurokawa T, Hashimoto S, Enomoto T, Yamada K, Satake M, Ohkohchi N. Anticancer effects of gemcitabine are enhanced by co-administered iRGD peptide in murine pancreatic cancer models that overexpressed neuropilin-1. *Br J Cancer* 110(6):1481-1487, 2014
3. Halupka-Bryl M, Asai K, Thangavel S, Bednarowicz M, Krzyminiewski R, Nagasaki Y. Synthesis and in vitro and in vivo evaluations of poly (ethylene glycol)-block-poly(4-vinylbenzylphosphonate) magnetic nanoparticles containing doxorubicin as a potential targeted drug delivery system. *Colloids Surf B Biointerfaces* 118:140-147, 2014
4. Horiguchi Y, Nakayama N, Kanayama N, Nagasaki Y. Sulfobetaine-terminated PEG Improves the Qualities of an Immunosensing Surface. *Biomaterials Science* 2(6):819-826, 2014
5. Hossain MA, Yamashita M, Vong LB, Ikeda Y, Nagasaki Y. Silica-installed redox nanoparticles for novel oral nanotherapeutics - improvement in intestinal delivery with anti-inflammatory effects. *J Drug Target* 22(7):638-647, 2014
6. Ikeda Y, Nagasaki Y. Impacts of PEGylation on the gene and oligonucleotide delivery system. *Journal of Applied Polymer Science* 131(9):40293, 2014
7. Ito H, Matsui H, Tamura M, Majima HJ, Indo HP, Hyodo I. Mitochondrial reactive oxygen species accelerate the expression of heme carrier protein 1 and enhance photodynamic cancer therapy effect. *J Clin Biochem Nutr* 55(1):67-71, 2014
8. Ito H, Tamura M, Matsui H, Majima HJ, Indo HP, Hyodo I. Reactive oxygen species involved cancer cellular specific 5-aminolevulinic acid uptake in gastric epithelial cells. *J Clin Biochem Nutr* 54(2):81-85, 2014
9. Kishimoto M, Miyamoto R, Oda T, Ohara Y, Yanagihara H, Ohkohchi N, Kita E. Measurement of intravenously administered gamma-Fe<sub>2</sub>O<sub>3</sub> particle amount in mice tissues using vibrating sample magnetometer. *IEEE Trans Nanobioscience* 13(4):425-430, 2014
10. Lakshmipriya T, Horiguchi Y, Nagasaki Y. Co-immobilized poly(ethylene glycol)-block-polyamines promote sensitivity and restrict biofouling on gold sensor surface for detecting factor IX in human plasma. *Analyst* 139(16):3977-3985, 2014
11. Miyamoto R, Oshiro Y, Hashimoto S, Kohno K, Fukunaga K, Oda T, Ohkohchi N. Three-dimensional imaging identified the accessory bile duct in a patient with cholangiocarcinoma. *World J Gastroenterol* 20(32):11451-11455, 2014

12. Nagasaki Y, Yaguchi T, Matsumura T, Yoshitomi T, Ikeda Y, Ueda A, Hirayama A. Design and use of silica-containing redox nanoparticles, siRNP for high-performance peritoneal dialysis. *Biomaterials Science* 2(4):522-5298, 2014
13. Okabe S, Okamoto T, Zhao CM, Chen D, Matsui H. Acetic acid induces cell death: an in vitro study using normal rat gastric mucosal cell line and rat and human gastric cancer and mesothelioma cell lines. *J Gastroenterol Hepatol* 29 Suppl 4(65-69, 2014
14. Ryu S, Hashizume Y, Mishima M, Kawamura R, Tamura M, Matsui H, Matsusaki M, Akashi M, Nakamura C. Measurement of cell adhesion force by vertical forcible detachment using an arrowhead nanoneedle and atomic force microscopy. *Biochem Biophys Res Commun* 451(1):107-111, 2014
15. Shimada T, Nakayama Y, Harasawa Y, Matsui H, Kobayashi H, Sai Y, Miyamoto K, Tomatsu S, Aburada M. Salacia reticulata has therapeutic effects on obesity. *J Nat Med* 68(4):668-676, 2014
16. Shimizu M, Yoshitomi T, Nagasaki Y. The behavior of ROS-scavenging nanoparticles in blood. *J Clin Biochem Nutr* 54(3):166-173, 2014
17. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of boron content liposome modified protein-transduction domains for boron neutron capture therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
18. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr* 54(1):26-30, 2014
19. Tamura M, Ito H, Matsui H, Hyodo I. Acetaldehyde is an oxidative stressor for gastric epithelial cells. *J Clin Biochem Nutr* 55(1):26-31, 2014
20. Tamura M, Matsui H, Hirohara S, Kakiuchi K, Tanihara M, Takahashi N, Nakai K, Kanai Y, Watabe H, Hatazawa J. Selective accumulation of [(6)(2)Zn]-labeled glycoconjugated porphyrins as multi-functional positron emission tomography tracers in cancer cells. *Bioorg Med Chem* 22(8):2563-2570, 2014
21. Tamura M, Matsui H, Hyodo I, Tanaka J, Miwa Y. Fluorescence-based co-culture of normal and cancerous cells as an indicator of therapeutic effects in cancer. *Eur J Pharm Sci* 63(1-7, 2014
22. Tamura M, Matsui H, Tomita T, Sadakata H, Indo HP, Majima HJ, Kaneko T, Hyodo I. Mitochondrial reactive oxygen species accelerate gastric cancer cell invasion. *J Clin Biochem Nutr* 54(1):12-17, 2014
23. Tamura M, Yanagawa F, Sugiura S, Takagi T, Sumaru K, Matsui H, Kanamori T. Optical cell separation from three-dimensional environment in photodegradable hydrogels for pure culture techniques. *Sci Rep* 4(4793, 2014
24. Tomita T, Sadakata H, Tamura M, Matsui H. Indomethacin-induced generation of reactive oxygen

- species leads to epithelial cell injury before the formation of intestinal lesions in mice. *J Physiol Pharmacol* 65(3):435-440, 2014
25. Vong LB, Yoshitomi T, Morikawa K, Saito S, Matsui H, Nagasaki Y. Oral nanotherapeutics: effect of redox nanoparticle on microflora in mice with dextran sodium sulfate-induced colitis. *J Gastroenterol* 49(5):806-813, 2014
26. Yasui H, Takeuchi R, Nagane M, Meike S, Nakamura Y, Yamamori T, Ikenaka Y, Kon Y, Murotani H, Oishi M, Nagasaki Y, Inanami O. Radiosensitization of tumor cells through endoplasmic reticulum stress induced by PEGylated nanogel containing gold nanoparticles. *Cancer Lett* 347(1):151-158, 2014
27. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Improved gene transfer efficiency of a DNA-lipid-apatite composite layer by controlling the layer molecular composition. *Colloids Surf B Biointerfaces* 122:465-471, 2014
28. Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Coprecipitation of DNA-lipid complexes with apatite and comparison with superficial adsorption for gene transfer applications. *J Biomater Appl* 28(6):937-945, 2014
29. Yoshitomi T, Kuramochi K, Vong LB, Nagasaki Y. Development of nitroxide radicals-containing polymer for scavenging ROS from cigarette smoke. *Science and Technology for Advanced Materials* 15(3):035002, 2014
30. Yoshitomi T, Nagasaki Y. Reactive oxygen species-scavenging nanomedicines for the treatment of oxidative stress injuries. *Adv Healthc Mater* 3(8):1149-1161, 2014
31. Yoshitomi T, Sha S, Vong LB, Chonpathompikunlert P, Matsui H, Nagasaki Y. Indomethacin-loaded redox nanoparticles improve oral bioavailability of indomethacin and suppress its small intestinal inflammation. *Ther Deliv* 5(1):29-38, 2014
32. Yoshitomi T, Sha S, Vong LB, Chonpathompikunlert P, Matsui H, Nagasaki Y. Indomethacin-loaded redox nanoparticles improve oral bioavailability of indomethacin and suppress its small intestinal inflammation. *Ther Deliv* 5(1):29-38, 2014

### 3) 英文著書

1. Kamumura M, Nagasaki Y. 14. PEGylated polymer micelles for anti-cancer drug delivery carrier; in "Colloid and Interface Science in Pharmaceutical Research and Development (1st edition)" (edited by Ohshima H, Makino K), Elsevier (Amsterdam) 2014; pp285-298
2. Kamumura M, Nagasaki Y. PEGylated ceramic nanophosphors: latest developments and applications; in "Hot Topics in Biomaterials (1st edition)" (edited by Lfty Ahmed) Future Medicine (London) 2014; pp90-102

4) 英文以外の著書

1. 長崎幸夫. 第2章1節. バイオマテリアル界面におけるポリエチレングリコールの役割; "超分子材料の設計と応用展開(第1版)" (編集 原田明), シーエムシー出版(東京) 2014; pp128-147
2. 長崎幸夫. 第7部2章5節. 大気圧プラズマを応用した高分子表面の生体適合性改質処理; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)" (編集 原田明), サイエンス&テクノロジー(東京) 2014; pp224-232
3. 長崎幸夫. 第7部2章2節. PEGブラシによる高機能バイオインターフェースの創成; "生体適合性制御と要求特性掌握から実践する高分子バイオマテリアルの設計・開発戦略(第1版)" (編集 原田明), サイエンス&テクノロジー(東京) 2014; pp180-202

## 先端医療技術・生体材料・医療機器臨床応用

### 1) 英文論文

1. Aoto K, Kanamori A, Yoshioka T, Uemura K, Sakane M, Yamazaki M. Circadian variation of growth factor levels in platelet-rich plasma. *Clin J Sport Med* 24(6):509-512, 2014
2. Ikumi A, wasashi M, Ri S, Hangai M, Muramatsu T, Sakane M. Clinical and radiological evaluation of unidirectional porous hydroxyapatite (Regenos®) for intra-articular calcaneal fracture with large bone defect. *The Foot and Ankle Online Journal* 7(2):5, 2014
3. Inoue M, Sakane M, Taguchi T. Fabrication of reactive poly(vinyl alcohol) membranes for prevention of bone cement leakage. *J Biomed Mater Res B Appl Biomater* 102(8):1786-1791, 2014
4. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
5. Mutsuzaki H, Ito A, Sogo Y, Sakane M, Oyane A, Yamazaki M. The calcium phosphate matrix of FGF-2-apatite composite layers contributes to their biological effects. *Int J Mol Sci* 15(6):10252-10270, 2014
6. Mutsuzaki H, Nakajima H, Wadano Y, Watanabe S, Sakane M. Influence of gradual elongation to the patella tendon insertion in rabbits. *Int J Mol Sci* 15(8):14835-14847, 2014
7. Mutsuzaki H, Oyane A, Sogo Y, Sakane M, Ito A. Cefazolin-containing poly( $\epsilon$ -caprolactone) sponge pad to reduce pin tract infection rate in rabbits. *Asia-Pacific J Sports Med* 1(2):54-61, 2014
8. Noguchi H, Sakane M, Watanabe A, Tsukanishi T, Wadano Y, Yamazaki M. A novel unidirectional porous hydroxyapatite in canines. *Public Health Research* 3(4):228-234, 2014
9. Tanaka Y, Isobe K, Ma E, Imai T, Kikumori T, Matsuda T, Maeda Y, Sakurai A, Midorikawa S, Hataya Y, Kato T, Kamide K, Ikeda Y, Okada Y, Adachi M, Yanase T, Takahashi H, Yokoyama C, Arai Y, Hashimoto K, Shimano H, Hara H, Kawakami Y, Takekoshi K. Plasma free metanephhrines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. *Endocr J* 61(7):667-673, 2014
10. Uemura K, Kanamori A, Aoto K, Yamazaki M, Sakane M. Novel unidirectional porous hydroxyapatite used as a bone substitute for open wedge high tibial osteotomy. *J Mater Sci Mater Med* 25(11):2541-2547, 2014

### 2) 英文以外の論文

1. 安部哲哉, 船山徹, 竹内陽介, 坂根正孝, 山崎正志. 高齢者の骨粗鬆症性胸腰椎移行部破裂骨折に対する腸骨による椎体形成術と後方固定術の成績. *Journal of Spine Research* 5(7):1118-1123, 2014

2. 有安諒平, 江口清, 上野有希子, 久保田茂希, 河本浩明, 中田由夫, 坂根正孝, 山海嘉之. 変形性関節症患者に対するロボットスーツ HAL を用いた訓練効果の検討. 国立大学リハビリテーション療法士学術大会誌 35回:15-17, 2014
3. 大瀧保明, 馬見塚尚孝, 平野篤, 橋本幸一, 中田由夫, 藤江敬子, 坂根正孝, 山崎正志. 慣性センサを利用した歩行試験による腰部脊柱管狭窄症患者の術前・術後評価. 生体医工学 52(4):167-173, 2014
4. 絹笠友則, 六崎裕高, 青戸克哉, 金森章浩, 池田耕太郎, 坂根正孝. 術中リン酸カルシウム複合化した骨付き大腿四頭筋腱を用いた前十字靱帯再建術. JOSKAS 39(1):150-151, 2014
5. 柴尾洋介, 西野衆文, 原友紀, 松本佑啓, 中谷卓史, 坂根正孝. 上肢壊死性筋膜炎に対して筋膜debridementを行い患肢温存し救命した2例. 整形・災害外科 57(1):91-95, 2014
6. 塚西敏則, 坂根正孝, 安部哲哉, 船山徹, 山崎正志. インドシアニングリーン蛍光ナビゲーション(ICG 蛍光法)の脊髄腫瘍への応用と術中高位診断における有用性についての検討. Journal of Spine Research 5(7):1077-1082, 2014
7. 藤江敬子, 下鳥彩香, 安田貢, 橋本幸一, 中田由夫, 水谷太郎. ウツタイン様式データにおけるエラー発生の検討. 日本臨床救急医学会雑誌 17(1):49-55, 2014
8. 船山徹, 兵頭康次郎, 神山翔, 坂根正孝, 山崎正志, 藤井賢吾, 俣木優輝, 塚西敏則, 野口裕史. 胸腰椎化膿性脊椎炎に対する経皮的内視鏡下搔爬洗浄術の有用性と限界. 日本骨・関節感染症学会雑誌 27:140-145, 2014
9. 俣木優輝, 竹内陽介, 安部哲哉, 日置繁, 酒井晋介, 坂根正孝, 山崎正志. 臨床経験 高齢者の骨粗鬆症性椎体骨折に対する入院保存治療の成績と画像所見. 臨床整形外科 49(10):929-934, 2014

## 絆社会継続発展モデルとしての小児難病総合

### 1) 英文論文

1. Chihara D, Izutsu K, Kondo E, Sakai R, Mizuta S, Yokoyama K, Kaneko H, Kato K, Hasegawa Y, Chou T, Sugahara H, Henzan H, Sakamaki H, Suzuki R, Suzumiya J. High-dose chemotherapy with autologous stem cell transplantation for elderly patients with relapsed/refractory diffuse large B cell lymphoma: a nationwide retrospective study. *Biol Blood Marrow Transplant* 20(5):684-689, 2014
2. Fukumitsu N, Ishikawa H, Ohnishi K, Terunuma T, Mizumoto M, Numajiri H, Aihara T, Okumura T, Tsuboi K, Sakae T, Sakurai H. Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. *Radiother Oncol* 113(1):72-76, 2014
3. Furuya K, Hiraga N. Assessment of quality of life in elementary and junior high school students with heart disease -Analysis of self-report and proxy-report-. *The Asian Journal of Child Care* 6(:1-12, 2015)
4. Hawlader MD, Ma E, Noguchi E, Itoh M, Arifeen SE, Persson LA, Moore SE, Raqib R, Wagatsuma Y. Ascaris lumbricoids Infection as a Risk Factor for Asthma and Atopy in Rural Bangladeshi Children. *Trop Med Health* 42(2):77-85, 2014
5. Hayakawa M, Ito Y, Saito S, Mitsuda N, Hosono S, Yoda H, Cho K, Otsuki K, Ibara S, Terui K, Masumoto K, Murakoshi T, Nakai A, Tanaka M, Nakamura T. Incidence and prediction of outcome in hypoxic-ischemic encephalopathy in Japan. *Pediatr Int* 56(2):215-221, 2014
6. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
7. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
8. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
9. Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol* 31(3):156-161, 2014
10. Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurology*

*Med Chir (Tokyo)* 54(10):832-835, 2014

11. Itoguchi N, Nakagawa T, Murata Y, Li D, Shiba-Ishii A, Minami Y, Noguchi M. Immunocytochemical staining for stratifin and OCIAD2 in bronchial washing specimens increases sensitivity for diagnosis of lung cancer. *Cytopathology* doi: 10.1111/cyt.12220, 2014
12. Kanemoto A, Hirayama R, Moritake T, Furusawa Y, Sun L, Sakae T, Kuno A, Terunuma T, Yasuoka K, Mori Y, Tsuboi K, Sakurai H. RBE and OER within the spread-out Bragg peak for proton beam therapy: in vitro study at the Proton Medical Research Center at the University of Tsukuba. *J Radiat Res* 55(5):1028-1032, 2014
13. Kashiwagi M, Tamiya N, Murata M. Characteristics of visiting nurse agencies with high home death rates: A prefecture-wide study in Japan. *Geriatrics & Gerontology International* doi: 10.1111/ggi.12372, 2014
14. Kato M, Manabe A, Koh K, Inukai T, Kiyokawa N, Fukushima T, Goto H, Hasegawa D, Ogawa C, Koike K, Ota S, Noguchi Y, Kikuchi A, Tsuchida M, Ohara A. Treatment outcomes of adolescent acute lymphoblastic leukemia treated on Tokyo Children's Cancer Study Group (TCCSG) clinical trials. *Int J Hematol* 100(2):180-187, 2014
15. Kato T, Sakata-Yanagimoto M, Nishikii H, Ueno M, Miyake Y, Yokoyama Y, Asabe Y, Kamada Y, Muto H, Obara N, Suzukawa K, Hasegawa Y, Kitabayashi I, Uchida K, Hirao A, Yagita H, Kageyama R, Chiba S. Hes1 suppresses acute myeloid leukemia development through FLT3 repression. *Leukemia* doi: 10.1038/leu.2014.281, 2014
16. Kawai H, Satomi K, Morishita Y, Murata Y, Sugano M, Nakano N, Noguchi M. Developmental markers of ganglion cells in the enteric nervous system and their application for evaluation of Hirschsprung disease. *Pathol Int* 64(9):432-442, 2014
17. Kenmotsu H, Niho S, Ito T, Ishikawa Y, Noguchi M, Tada H, Sekine I, Watanabe S, Yoshimura M, Yamamoto N, Oshita F, Kubota K, Nagai K. A pilot study of adjuvant chemotherapy with irinotecan and cisplatin for completely resected high-grade pulmonary neuroendocrine carcinoma (large cell neuroendocrine carcinoma and small cell lung cancer). *Lung Cancer* 84(3):254-258, 2014
18. Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med* 53(18):2149-2152, 2014
19. Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec type IV, ST8). *J Infect Chemother* 20(10):643-646, 2014
20. Kiyomatsu H, Tanaka Y, Ikeda T, Iguchi-Manaka A, Bando H, Hara H. Extreme response to nab-paclitaxel and trastuzumab treatment in two patients with locally advanced or recurrent breast cancer. *International Cancer Conference Journal* 3(1):38-42, 2014
21. Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant

- lymphoma in the parasellar region. *Case Rep Med* 2014:747280, 2014
22. Lee SY, Kurita N, Maie K, Seki M, Yokoyama Y, Suzukawa K, Hasegawa Y, Chiba S. Prolonged Survival of a Refractory Acute Myeloid Leukemia Patient after a Third Hematopoietic Stem Cell Transplantation with Umbilical Cord Blood following a Second Relapse. *Case Rep Hematol* 2014(:918708, 2014
23. Lee SY, Okoshi Y, Kurita N, Seki M, Yokoyama Y, Maie K, Hasegawa Y, Chiba S. Prognosis factors in Japanese elderly patients with primary central nervous system lymphoma treated with a nonradiation, intermediate-dose methotrexate-containing regimen. *Oncol Res Treat* 37(7-8):378-383, 2014
24. Maie K, Yokoyama Y, Kurita N, Minohara H, Yanagimoto S, Hasegawa Y, Homma M, Chiba S. Hypouricemic effect and safety of febuxostat used for prevention of tumor lysis syndrome. *Springerplus* 3:501, 2014
25. Marushima A, Nakai Y, Ikeda G, Tsuruta W, Tsurushima H, Suzuki K, Matsumura A. Cerebro-cardiovascular risk factors are equivalent for retinal ischemia and cerebral ischemia patients with carotid artery stenosis. *Journal of Neurological Disorder and Stroke* 2 :1045, 2014
26. Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int* 5:54, 2014
27. Masuda Y, Yamamoto T, Akutsu H, Shiigai M, Masumoto T, Ishikawa E, Matsuda M, Matsumura A. Usefulness of subtraction of 3D T2WI-DRIVE from contrast-enhanced 3D T1WI: preoperative evaluations of the neurovascular anatomy of patients with neurovascular compression syndrome. *AJNR Am J Neuroradiol* doi: 10.3174/ajnr.A4130, 2014
28. Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep* 75(1):e67-72, 2014
29. Matsumura H, Suzuki H, Ito Y, Kino H, Tamai K, Notake S, Nakamura K, Shiigai M, Uemura K, Matsumura A. A case of cavernous sinus thrombosis caused by dialister pneumosintes, slackia exigua, and prevotella baroniae. *JMM Case Rep* 2014 doi :10.1099/immcr.0.002683, 2014
30. Mizumoto M, Oshiro Y, Okumura T, Fukuda K, Fukumitsu N, Abei M, Ishikawa H, Ohnishi K, Numajiri H, Tsuboi K, Sakurai H. Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. *Radiother Oncol* 113(1):54-59, 2014
31. Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol* 5(1):e9-16, 2015

32. Mizutani L, Tanaka Y, Kondo Y, Bando H, Hara H. Glomus tumor of female breast: a case report and review of the literature. *J Med Ultrasonics* 41(3):385-388, 2014
33. Moriyama Y, Tamiya N, Kamimura A, Sandoval F, Luptak M. Doctors' opinion papers in long-term care need certification in Japan: Comparison between clinic and advanced treatment hospital settings. *Public Policy and Administration Research* 4(9):31-37, 2014
34. Murata Y, Minami Y, Iwakawa R, Yokota J, Usui S, Tsuta K, Shiraishi K, Sakashita S, Satomi K, Iijima T, Noguchi M. ECT2 amplification and overexpression as a new prognostic biomarker for early-stage lung adenocarcinoma. *Cancer Sci* 105(4):490-497, 2014
35. Nakai K, Yamamoto T, Kumada H, Matsumura A. Boron neutron capture therapy for glioblastoma: A phase-I/II clinical trial at JRR-4. *European Association of Neuro Oncology Magazine* 4:116-123, 2014
36. Nakamura A, Horigome H, Ishizu T, Seo Y, Sumazaki R. Double orifice mitral valve combined with left ventricular noncompaction in a child with Sotos syndrome. *Journal of Cardiology Cases* 11(3):88-90, 2014
37. Nakamura A, Horigome H, Seo Y, Ishizu T, Sumazaki R. Right ventricular remodeling due to pulmonary regurgitation is associated with reduced left ventricular free wall strain in surgically repaired tetralogy of fallot. *Circ J* 78(8):1960-1966, 2014
38. Nakamura Y, Matsumoto K, Satoh T, Nishide K, Nozue A, Shimabukuro K, Endo S, Nagai K, Oki A, Minaguchi T, Morishita Y, Noguchi M, Yoshikawa H. Optimizing biopsy procedures during colposcopy for women with abnormal cervical cancer screening results: a multicenter prospective study. *Int J Clin Oncol* doi: 10.1007/s10147-014-0739-6, 2014
39. Nanatsue K, Ninomiya T, Tsuchiya M, Tahara-Hanaoka S, Shibuya A, Masuko H, Sakamoto T, Hizawa N, Arinami T, Noguchi E. Influence of MILR1 promoter polymorphism on expression levels and the phenotype of atopy. *J Hum Genet* 59(9):480-483, 2014
40. Ohara R, Michikami H, Nakamura Y, Sakata A, Sakashita S, Satomi K, Shiba-Ishii A, Kano J, Yoshikawa H, Noguchi M. Moesin overexpression is a unique biomarker of adenomyosis. *Pathol Int* 64(3):115-122, 2014
41. Ohkawa A, Mizumoto M, Ishikawa H, Abei M, Fukuda K, Hashimoto T, Sakae T, Tsuboi K, Okumura T, Sakurai H. Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. *J Gastroenterol Hepatol* doi: 10.1111/jgh.12843, 2014
42. Ohno T, Oshiro Y, Mizumoto M, Numajiri H, Ishikawa H, Okumura T, Terunuma T, Sakae T, Sakurai H. Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer. *J Radiat Res* doi: 10.1093/jrr/rru082, 2014
43. Okamoto E, Ishikawa E, Yamamoto T, Matsuda M, Nakai K, Matsushita A, Masuda Y, Akutsu H,

- Ayuzawa S, Sakamaki F, Matsumoto Y, Matsumura A. Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. *Clin Neurophysiol* doi: 10.1016/j.clinph.2014.10.005, 2014
44. Oshiro Y, Okumura T, Kurishima K, Homma S, Mizumoto M, Ishikawa H, Onizuka M, Sakai M, Goto Y, Hizawa N, Sato Y, Sakurai H. High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. *J Radiat Res* 55(5):959-965, 2014
45. Sakai K, Kimura O, Furukawa T, Fumino S, Higuchi K, Wakao J, Kimura K, Aoi S, Masumoto K, Tajiri T. Prenatal administration of neuropeptide bombesin promotes lung development in a rat model of nitrofen-induced congenital diaphragmatic hernia. *J Pediatr Surg* 49(12):1749-1752, 2014
46. Sakakura K, Akutsu H, Yamamoto T, Masuda Y, Ishikawa E, Matsumura A. Trigeminal neuralgia in a patient with marfan syndrome: case report. *Neurol Med Chir (Tokyo)* doi: 10.2176/nmc.cr.2013-0072, 2014
47. Sakata-Yanagimoto M, Enami T, Yoshida K, Shiraishi Y, Ishii R, Miyake Y, Muto H, Tsuyama N, Sato-Otsubo A, Okuno Y, Sakata S, Kamada Y, Nakamoto-Matsubara R, Tran NB, Izutsu K, Sato Y, Ohta Y, Furuta J, Shimizu S, Komeno T, Sato Y, Ito T, Noguchi M, Noguchi E, Sanada M, Chiba K, Tanaka H, Suzukawa K, Nammoku T, Hasegawa Y, Nureki O, Miyano S, Nakamura N, Takeuchi K, Ogawa S, Chiba S. Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. *Nat Genet* 46(2):171-175, 2014
48. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T, Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
49. Satomi K, Yoshida M, Matsuoka K, Okita H, Hosoya Y, Shioda Y, Kumagai MA, Mori T, Morishita Y, Noguchi M, Nakazawa A. Myelopathy mimicking subacute combined degeneration in a Down syndrome patient with methotrexate treatment for B lymphoblastic leukemia: report of an autopsy case. *Neuropathology* 34(4):414-419, 2014
50. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of boron content liposome modified protein-transduction domains for boron neutron capture therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
51. Sic H, Kraus H, Madl J, Flittner KA, von Munchow AL, Pieper K, Rizzi M, Kienzler AK, Ayata K, Rauer S, Kleuser B, Salzer U, Burger M, Zirlik K, Lougaris V, Plebani A, Romer W, Loeffler C, Scaramuzza S, Villa A, Noguchi E, Grimbacher B, Eibel H. Sphingosine-1-phosphate receptors control B-cell migration through signaling components associated with primary immunodeficiencies, chronic lymphocytic leukemia, and multiple sclerosis. *J Allergy Clin Immunol* 134(2):420-428, 2014
52. Song H, Makino Y, Noguchi E, Arinami T. A case report of de novo missense FOXP1 mutation in a

non-Caucasian patient with global developmental delay and severe speech impairment. *Clin Case Rep* doi: 10.1002/ccr3.167, 2014

53. Sugawara K, Mizumoto M, Numajiri H, Ohno T, Ohnishi K, Ishikawa H, Okumura T, Sakurai H. Proton beam therapy for a patient with a giant thymic carcinoid tumor and severe superior vena cava syndrome. *Rare Tumors* 6(2):5177, 2014
54. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014
55. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr* 54(1):26-30, 2014
56. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014:989574, 2014
57. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014
58. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
59. Takayama K, Morisaki Y, Kuno S, Nagamoto Y, Harada K, Furukawa N, Ohtaka M, Nishimura K, Imagawa K, Sakurai F, Tachibana M, Sumazaki R, Noguchi E, Nakanishi M, Hirata K, Kawabata K, Mizuguchi H. Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes. *Proc Natl Acad Sci U S A* 111(47):16772-16777, 2014
60. Tamari M, Saeki H, Hayashi M, Umezawa Y, Ito T, Fukuchi O, Nobeyama Y, Yanaba K, Nakagawa H, Tsunemi Y, Kato T, Shibata S, Sugaya M, Sato S, Tada Y, Doi S, Miyatake A, Ebe K, Noguchi E, Fujieda S, Ebihara T, Amagai M, Esaki H, Takeuchi S, Furue M, Hirota T. An association study of 36 psoriasis susceptibility loci for psoriasis vulgaris and atopic dermatitis in a Japanese population. *J Dermatol Sci* 76(2):156-157, 2014
61. Tanaka Y, Manabe A, Fukushima H, Suzuki R, Nakadate H, Kondoh K, Nakamura K, Koh K, Fukushima T, Tsuchida M, Koike K, Kiyokawa N, Noguchi E, Sumazaki R, Komiyama T. Multidrug resistance protein 4 (MRP4) polymorphisms impact the 6-mercaptopurine dose tolerance during maintenance therapy in Japanese childhood acute lymphoblastic leukemia. *Pharmacogenomics J* doi: 10.1038/tpj.2014.74, 2014
62. Thunnissen E, Noguchi M, Aisner S, Beasley MB, Brambilla E, Chirieac LR, Chung JH, Dacic S,

- Geisinger KR, Hirsch FR, Ishikawa Y, Kerr KM, Lantejoul S, Matsuno Y, Minami Y, Moreira AL, Pelosi G, Petersen I, Roggli V, Travis WD, Wistuba I, Yatabe Y, Dziadziszko R, Witte B, Tsao MS, Nicholson AG. Reproducibility of histopathological diagnosis in poorly differentiated NSCLC: an international multiobserver study. *J Thorac Oncol* 9(9):1354-1362, 2014
63. Tokunaga M, Hashimoto H, Tamiya N. A gap in formal long-term care use related to characteristics of caregivers and households, under the public universal system in Japan: 2001-2010. *Health Policy* doi: 10.1016/j.healthpol.2014.10.015, 2014
64. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014
65. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
66. Vo Nguyen TT, Watanabe Y, Shiba A, Noguchi M, Itoh S, Kato M. TMEPAI/PMEPA1 enhances tumorigenic activities in lung cancer cells. *Cancer Sci* 105(3):334-341, 2014
67. Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol* 31(3):182-186, 2014
68. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
69. Yamaoka Y, Tamaiya N, Fujiwara T, Yamasaki Y, Matsuzawa A, Miyaishi S. Child deaths with persistent neglected experiences from medico-legal documents in Japan. *Pediatr Int* doi: 10.1111/ped.12531, 2014
70. Yatagai Y, Sakamoto T, Yamada H, Masuko H, Kaneko Y, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Konno S, Nishimura M, Hizawa N. Genomewide association study identifies HAS2 as a novel susceptibility gene for adult asthma in a Japanese population. *Clin Exp Allergy* 44(11):1327-1334, 2014
71. Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot* 88:86-88, 2014

## 2) 英文以外の論文

1. 阿久津博義, 増田洋亮, 松村明. 画像誘導手術支援技術: 術中 MRI. Science Academy of Tsukuba 26(8-9, 2014

2. 栗飯原輝人, 熊田博明, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斉志, 沼尻晴子, 田中圭一, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 頭頸部がんに対するホウ素中性子捕捉療法の現状. 日本癌治療学会誌 49(3):2707, 2014
3. 栗飯原輝人, 森田倫正, 神谷伸彦, 熊田博明, 大西かよ子, 鈴木実, 平塚純一, 櫻井英幸, 原田保. BNCTによる頭頸部癌治療と頸動脈破裂症候群 BNCTを安全に行うために. 耳鼻咽喉科臨床 補冊 補冊 139):143, 2014
4. 栗飯原輝人, 和田哲郎, 石川仁, 大西かよ子, 田渕経司, 福光延吉, 奥村敏之, 原晃, 櫻井英幸. 当院における進行中・下咽頭癌における術前化学放射線療法に対する病理学的効果の検討. 頭頸部癌 40(2):226, 2014
5. 栗飯原輝人, 和田哲郎, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斉志, 沼尻晴子, 熊田博明, 平塚純一, 原晃, 櫻井英幸. 頭頸部進行がん新鮮例に対する新規粒子線治療の可能性 ホウ素中性子捕捉療法に対する筑波大学の取り組みと今後の展望. 茨城県立病院医学雑誌 30(2):28, 2014
6. 天江新太郎, 増本幸二. 腸管不全関連肝障害に対する ω-3 系脂肪乳剤投与. 日本医事新報 4730):56-57, 2014
7. 飯島一智, 清河信敬, 吉原宏樹, 富田理, 小林健一郎, 福島敬, 林泰秀, 菊地陽, 康勝好, 真部淳, 小原明. 小児 Ph-like ALL 症例の表面マーカー、遺伝子発現解析. 日本小児血液・がん学会雑誌 51(3):200-205, 2014
8. 井垣浩, 櫻井英幸. 【肝癌治療のエビデンスとガイドライン】 エビデンスの検証とガイドライン 肝癌に対する放射線治療. 外科 76(8):877-881, 2014
9. 石川栄一, 坪井康次, 高野晋吾, 松村明. 「グリオーマ」、トピックス：グリオーマに対する免疫療法. クリニシアン 627(61):357-562, 2014
10. 石川仁, 大西かよ子, 奥村敏之, 大城佳子, 水本斉志, 櫻井英幸. 肺がんに対する高精度放射線治療の標準化に向けて 粒子線治療. 肺癌 54(5):281, 2014
11. 石川仁, 奥村敏之, 水本斉志, 大西かよ子, 菅原香織, 牧島弘和, 大野豊然貴, 森脇俊和, 兵頭一介, 久倉勝治, 田村孝史, 寺島秀人, 大河内信弘, 橋本孝之, 櫻井英幸. 食道がん治療戦略の Up to Date 食道癌の化学放射線療法と陽子線治療の役割. 日本癌治療学会誌 49(3):770, 2014
12. 石川仁, 辻比呂志, 加藤弘之, 西山博之, 櫻井英幸. 限局性前立腺がんのテーラーメイド治療 戰略を考える 外照射療法 粒子線治療. 泌尿器外科 27(8):1381-1384, 2014
13. 石川仁, 中山優子, 大西かよ子, 奥村敏之, 野中哲生, 櫻井英幸. 荷電粒子線治療 陽子線と重粒子線. 腫瘍内科 13(1):101-109, 2014
14. 伊藤研一, 清水一雄, 吉田明, 鈴木眞一, 今井常夫, 岡本高宏, 原尚人, 筒井英光, 杉谷巖, 杉野公則, 絹谷清剛, 中駄邦博, 東達也, 野口靖志, 阿部光一郎, 内山眞幸, 志賀哲. 放射性ヨウ素治療抵抗性の局所進行性、再発、転移性分化型甲状腺癌に対する分子標的薬治療の適応患者選択の指針. 日本内分泌・甲状腺外科学会雑誌 31(4):310-313, 2014

15. 意元義政, 徳永貴広, 野口恵美子, 藤枝重治. アレルギーと遺伝子・エピジェネティクス スギ花粉症の感作・発症にかかる遺伝子の機能解析. *アレルギー* 63(3-4):386, 2014
16. 上杉達, 増本幸二, 神保教広, 坂元直哉, 佐々木理人, 五藤周, 瓜田泰久, 高安肇, 新開統子, 小林千恵, 福島敬, 須磨崎亮, 藤代準. 小児 Xp11.2 転座型腎細胞癌の 1 例. *日本小児泌尿器科学会雑誌* 23(1):22-25, 2014
17. 瓜田泰久, 小野健太郎, 増本幸二. 周術期の経腸栄養管理を学ぶ<第 6 回> 小児外科腹部手術後の経腸栄養管理. *ヒューマンニュートリション* 6(2):80-83, 2014
18. 大西かよ子, 奥村敏之, 石川仁, 大城佳子, 櫻井英幸. 体幹部定位照射における肺線量の陽子線と X 線の比較. *肺癌* 54(5):548, 2014
19. 加沼玲子, 粟飯原輝人, 水元斉志, 渡辺正人, 大西かよ子, 石川仁, 櫻井英幸. 直腸癌治療後口腔内転移に対し放射線治療を施行した男性の一症例. *頭頸部癌* 40(2):159, 2014
20. 兼安祐子, 藤原久也, 西村哲夫, 大野達也, 櫻井英幸, 楠本智子, 生島仁史, 宇野隆, 播磨洋子, 徳丸直郎, 五味弘道, 戸板孝文, 喜多みどり, 中野隆史, 高橋健夫, 加藤眞吾, 新部譲, 野田真永, 清原浩樹, 永田靖. 子宮頸癌治療後の QOL に関する多施設共同調査(第二報) 放射線療法群と手術療法群の比較. *日本婦人科腫瘍学会雑誌* 32(3):513, 2014
21. 木野弘善, 高野晋吾, 坂本規彰, 石川栄一, 山本哲哉, 松田真秀, 中井啓, 阿久津博義, 野口雅之, 松村明. グリア系腫瘍の免疫染色定量評価. *Brain Tumor Pathology* 31(Suppl.):081, 2014
22. 鯨岡結賀, 臺勇一, 市岡恵美香, 池田達彦, 原尚人. カラードプラ法で twinkling artifact を呈した乳房コレステリン肉芽腫の 1 例. *Journal of Medical Ultrasonics* 41(6):867-870, 2014
23. 黒部匡広, 小島崇宏, 高岡栄一郎, 辻本一平, 目翔太郎, 市岡大士, 神鳥周也, 常楽晃, 末富崇弘, 宮崎淳, 河合弘二, 西山博之, 萩谷千裕, 坪井洋人, 住田孝之, 佐藤泰樹, 里見介史, 野口雅之. 腎盂癌との鑑別が困難であった IgG4 関連疾患の 1 例 本邦文献例の検討. *泌尿器外科* 27(11):1849-1854, 2014
24. 銀持明, 久倉勝治, 寺島秀夫, 明石義正, 櫻井英幸, 大河内信弘. スペーサー挿入術により消化管が近接する腫瘍に陽子線治療を施行した 6 例. *日本臨床外科学会雑誌* 75(5):1164-1168, 2014
25. 五藤周, 増本幸二, 瓜田泰久, 小野健太郎, 足立孝二, 高安肇, 新開統子. 【エンジョイ!症例報告:まれな病態・疾患(I)】 Covered bladder exstrophy、高位鎖肛、同側腎無形成を合併した片側性鼠径部異所性陰嚢. *小児外科* 46(12):1264-1267, 2014
26. 小松洋治, 木村泰, 平田浩二, 木野弘善, 小磯隆雄, 伊藤嘉朗, 中村和弘, 上村和也, 松村明. 80 歳以上におけるくも膜下出血の治療手禁忌と直達手術適応. *脳卒中の外科* 42:247-252, 2014
27. 坂倉和樹, 鮎澤聰, 増田洋亮, 金嘆浩, 松村明. 起立性頭痛を呈さなかった特発性髄液圧症候群に伴う両側慢性硬膜下血腫の 1 例. *脳神経外科* 42(4):341-345, 2014
28. 坂下雅文, 牧野友香, 野口恵美子, 広田朝光, 玉利真由美, 藤枝重治. アレルギー性鼻炎治療効果に相關するバイオマーカー. *アレルギー* 63(6):767-774, 2014

29. 坂本規彰, 石川栄一, 山本哲哉, 中井啓, 松田真秀, 里見介史, 高野晋吾, 松村明. 悪性 glioma の再発時病理組織の検討. *Brain Tumor Pathology* 31(Suppl.):126, 2014
30. 櫻井英幸. 陽子線・粒子線治療の進歩と将来. *日本産科婦人科学会雑誌* 66(2):386, 2014
31. 櫻井英幸. レクチャーシリーズ 腫瘍 陽子線・粒子線治療の進歩と将来. *日本産科婦人科学会雑誌* 66(9):2062-2065, 2014
32. 櫻井英幸, 石川仁, 福光延吉, 粟飯原輝人, 大西かよ子, 水本斉志, 室伏景子, 沼尻晴子, 大城佳子, 林靖孝, 奥村敏之, 榮武二, 坪井康次. 【外科切除適応の境界領域-Borderline resectable cancerへの対応】 診断/術前療法 難治性腫瘍における術前(化学)放射線治療の意義 外科をサポートするための周術期放射線治療を目指して. *臨床外科* 69(12):1310-1314, 2014
33. 櫻井英幸, 沼尻晴子, 室伏景子, 大川綾子, 水本斉志, 大西かよ子, 粟飯原輝人, 福光延吉, 石川仁, 奥村敏之. 婦人科がん放射線治療の最新知見 陽子線治療の概要と婦人科腫瘍への応用. *日本婦人科腫瘍学会雑誌* 32(3):399, 2014
34. 佐々木理人, 増本幸二, 新開統子, 五藤周, 瓜田泰久, 上杉達, 玉井香菜, 福島敬, 佐藤泰樹, 野口雅之. 両側副腎部分切除術を施行し、機能を温存し得た副腎褐色細胞腫の1例. *日本小児外科学会雑誌* 50(5):910-915, 2014
35. 新開統子, 増本幸二. 【エビデンスに基づく手術の適応とタイミング】肥厚性幽門狭窄症. *小児外科* 46(8):813-817, 2014
36. 鈴木健嗣, 上野友之, 寺元洋平, 中井啓, 江口清, 鮎澤聰, 日高紀久江, 松村明. 嘸下機能評価のための頸部装着型持続的嚥下モニターの開発. *嚥下医学* 3(1):142, 2014
37. 田川学, 野崎良寛, 稲田恵美, 渡辺詩絵菜, 和田宏来, 須磨崎亮. 初発時に門脈血栓を認めた急性劇症型潰瘍性大腸炎の14歳女児例. *日本小児栄養消化器肝臓学会雑誌* 28(2):84-89, 2014
38. 竹内朋代, 野口雅之. 生体試料バンキングの現状と将来. *呼吸* 33(6):548-551, 2014
39. 田中圭一, 粟飯原輝人, 熊田博明, 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本斉志, 沼尻晴子, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 筑波大学におけるBNCT臨床研究再開計画について. *頭頸部癌* 40(2):225, 2014
40. 田中秀明, 増本幸二. 【プロが見せる手術シリーズ(5):難易度の高い泌尿生殖器手術】乳幼児の腎移植. *小児外科* 46(5):541-545, 2014
41. 鶴嶋英夫, 伊藤嘉朗, 丸島愛樹, 松村明. 最新臨床脳卒中学(上)—最新の診断と治療—FGF-2徐放性drug delivery systemによる虚血脳組織に対する保護および血管新生治療. *日本臨床* 72(5):403-406, 2014
42. 寺嶋廣美, 大栗隆行, 今田肇, 藤内祝, 櫻井英幸, 武田力, 照沼裕, 谷川啓史, 近藤元治, 田中良明, 大西武雄, 日本ハイパーサーミア学会、健保、保険点数改定委員会. ハイパーサーミア現況調査(2012)報告書. *Thermal Medicine* 30(3):(89)-(98), 2014
43. 寺元洋平, 上野友之, JayatilakeDushantha, 鈴木健嗣, 中井啓, 日高紀久江, 鮎澤聰, 江口清, 松村明. 嘌下造影検査と高解像度マノメトリーとの同時記録による嘌下音の検討. *嚥下医学*

44. 寺元洋平, 上野友之, 長柄昌浩, 鈴木健嗣, 中井啓, 山本詞子, 富所康志, 玉岡晃, 江口清, 松村明. 進行性球麻痺における嚥下圧および嚥下音の検討. 嚥下医学 3(1):143-144, 2014
45. 中井啓, 松村明. 脳神経外科リハビリテーションにおけるロボティクス技術の応用. 脳神経外科 42(7):605-613, 2014
46. 中野雅之, 南優子, 野口雅之. 新しい肺腺癌病理分類. 呼吸器内科 25(5):482-488, 2014
47. 沼尻晴子, 室伏景子, 大西かよ子, 水本斉志, 福光延吉, 粟飯原輝人, 石川仁, 奥村敏之, 櫻井英幸. 【肝がん患者の治療とケア】 肝がんの治療法を知る 肝細胞がんの陽子線治療. がん看護 19(6):568-570, 2014
48. 野口恵美子. 遺伝子. アレルギーの臨床 34(1):2014
49. 野口恵美子. アレルギーと遺伝子・エピジェネティクス 次世代シーケンサーとアレルギー疾患 どのように使えるのか? アレルギー 63(3-4):386, 2014
50. 野口恵美子. 【HLA のブレイクスルー-臨床応用と疾患研究の進歩】 喘息・アトピー性疾患と HLA. 医学のあゆみ 251(4):302-305, 2014
51. 長谷川直之, 安部井誠人, 石毛和紀, 福田邦明, 櫻井英幸, 兵頭一之介. 門脈腫瘍栓を伴った高度進行肝細胞癌に対する陽子線照射・ソラフェニブ併用の治療経験. 日本消化器病学会雑誌 111(臨増大会):A940, 2014
52. 平田浩二, 小松洋治, 木村泰, 松村明. 教訓的症例に学ぶシリーズ 遺残性原始三叉動脈に両側内頸動脈病変を伴った1例. Neurological Surgery 42(6):575-580, 2014
53. 福田邦明, 安部井誠人, 櫻井英幸. 肝がんの診断と治療の進歩 肝がん高齢化時代における陽子線治療の役割. 肝臓 55(Suppl.3):A722, 2014
54. 福田邦明, 安部井誠人, 櫻井英幸. 進行肝癌の集学的治療 予後と QOL の観点から 高度進行肝細胞癌の集学的治療における陽子線治療の役割. 肝臓 55(Suppl.2):A542, 2014
55. 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本斉志, 沼尻晴子, 坪井康次, 櫻井英幸. 【肝がん: 診断と治療の進歩】 治療法の進歩 肝がんの放射線治療. 日本国際科学会雑誌 103(1):116-122, 2014
56. 布施拓, 榮武二, 照沼利之, 神澤聰, 瀬川達矢, 吉村洋祐, 山梨宏一, 佐藤勝, 櫻井英幸. 陽子線治療装置におけるアイソセンタ検証ツールの使用経験. 医学物理 33(4):166-170, 2014
57. 古林徹, 林崎規託, 片渕竜也, 三浦邦明, 有富正憲, 山本哲哉. 液体リチウムターゲット加速器 BNCT 照射システムの将来性- $^7\text{Li}(\text{p},\text{n})^7\text{Be}$  しきい値近傍反応中性子の利用-. 気学会論文誌 C (電子・情報・システム部門誌) 134(1406-1413, 2014
58. 古屋舞, 池田達彦, 澤文, 市岡恵美香, 斎藤剛, 清松裕子, 井口研子, 坂東裕子, 原尚人. 高齢者の原発性副甲状腺機能亢進症の臨床的検討. 日本国際内分泌・甲状腺外科学会雑誌 31(3):219-222, 2014
59. 穂坂翔, 城戸崇祐, 八牧慎二, 福島紘子, 小林千恵, 福島敬, 小野健太郎, 新開統子, 増本幸二,

- 田中圭一, 水本斉志, 櫻井英幸, 須磨崎亮. Avoiding testical exposure from abdominal irradiation in a case with wandering testes 移動性精巣に対して緊急精巣固定術を施行し、腹部照射による性腺被曝を回避した一例. 日本小児血液・がん学会雑誌 51(4):339, 2014
60. 増本幸二. 【栄養管理における微量元素】 静脈栄養における微量元素製剤. 栄養-評価と治療 31(3):214-217, 2014
61. 増本幸二, 北河徳彦. 在宅中心静脈栄養児における脂肪製剤投与法. 日本医事新報 4697):63-64, 2014
62. 松村明. 脳神経外科と放射線治療のコラボレーション. JASTRO NEWSLETTER 113(19, 20, 2014
63. 松村明, 室井愛. 中頭蓋窩の arachnoid cyst (くも膜嚢胞) は手術が必要か くも膜嚢胞は手術を検討すべきである. Headache Clinical & Science 5(2):20-22, 2014
64. 室伏景子, 沼尻晴子, 櫻井英幸. 【Women's Imaging 2014<Vol.9>Breast Imaging モダリティの進歩から見る乳がん画像診断のこれから】 乳がん診療のトピックス 放射線治療の最新動向. INNERVISION 29(8):61-64, 2014
65. 谷田貝洋平, 山田英恵, 金子美子, 増子裕典, 坂本透, 野口恵美子, 飯島弘明, 広田朝光, 玉利真由美, 檜澤伸之. Hyaluronan synthase 2(HAS2)遺伝子と喘息との関連 ゲノムワイド関連解析(GWAS)による検討. 日本呼吸器学会誌 3(増刊):143, 2014
66. 谷田貝洋平, 山田英恵, 金子美子, 増子裕典, 坂本透, 野口恵美子, 飯島弘晃, 内藤隆志, 広田朝光, 玉利真由美, 檜澤伸之. 成人喘息の病態 中高年発症喘息(late onset asthma:LOA)を対象とした網羅的遺伝子解析. アレルギー 63(3-4):503, 2014
67. 山崎友郷, 山本哲哉. 三叉神経痛に対する外科的治療. 茨城県歯科医学会誌 22(3-6, 2014
68. 山田英恵, 谷田貝洋平, 増子裕典, 飯島弘晃, 内藤隆志, 坂本透, 野口恵美子, 広田朝光, 玉利真由美, 檜澤伸之. アレルギー発症と環境因子 健常人における吸入抗原のアレルギー感作に対するゲノム網羅的関連解析. アレルギー 63(3-4):541, 2014
69. 山田英恵, 谷田貝洋平, 増子裕典, 飯島弘晃, 内藤隆志, 坂本透, 野口恵美子, 広田朝光, 玉利真由美, 檜澤伸之. 喘息発症における呼吸機能関連遺伝因子の役割. 日本呼吸器学会誌 3(増刊):177, 2014
70. 山本哲哉. 悪性神経膠腫の手術支援システム-iMRI および 5-ALA PDD を中心に-. 座談会抄録集「悪性神経膠腫の術後画像新しい化学療法後の画像変化を中心に~」 6-8, 2014
71. 山本哲哉. 最悪のがん 「神経膠芽腫」 を中性子で狙い撃つ. 日本中性子科学会 世界結晶年 IYC r 2014 特別記念号 波紋 第 9 章, 2014
72. 渡邊真哉, 阿久津博義, 高野晋吾, 山本哲哉, 石川栄一, 松村明. カベルゴリンによるプロラクチノーマの長期治療成績と再発例の検討. 日本国内分泌学会雑誌 90(Suppl.HPT):22-24, 2014

3) 英文著書

1. Matsushita A, Ayuzawa S, Matsumura A. Electroneurophysiology and Brain Functional Imaging for Brain-Machine-Interface; in "Cybernetics: Fusion of human, machine and information systems edition)" (edited by Sankai Y, Suzuki K, Hasegawa Y), Springer (Berlin) 2014; pp267-287
2. Sakurai H, Okumura T, Fukumitsu N, Ishikawa H, Ohnishi K, Mizumoto M, Terunuma T, Kumada H, Sakae T. 7. Proton Beam Therapy for Hepatocellular Carcinoma; in "Thearapy for Hepatocellular Carcinoma Etiology and Treatment (1st edition)" (edited by Ohkohchi N), Nova Science Publishhers (New York) 2014; pp243-308
3. Wistuba I, Brambilla E, Noguchi M. 17. Classic anatomic pathology and lung cancer; in "The IASLC Multidisciplinary Approach to Thoracic Oncology" (edited by Harvey I. Pass, David Ball, and Giorgio V. Scagliotti ), IASLC International Association for the Study of Lung Cancer (Boston) 2014; pp217-240

4) 英文以外の著書

1. 須磨崎亮. 総論. 2 肝・胆・脾; "小児栄養消化器肝臓病学(第1版)" (編集 日本栄養消化器肝臓学会), 診断と治療社(東京) 2014; pp6-8
2. 須磨崎亮. B 症候. 9 黄疸; "小児栄養消化器肝臓病学(第1版)" (編集 日本栄養消化器肝臓学会), 診断と治療社(東京) 2014; pp33-35
3. 須磨崎亮. C 検査手技. 19 遺伝子検査; "小児栄養消化器肝臓病学(第1版)" (編集 日本栄養消化器肝臓学会), 診断と治療社(東京) 2014; pp103-104
4. 高安肇, 増本幸二. 新生児横隔膜ヘルニア長期生存例に対するフォローアップ調査; "厚生労働科学研究費補助金難治性疾患克服研究事業「胎児・新生児肺低形成の診断・治療実態に関する調査研究」平成25年度総括・分担研究報告書 (編集 白井規朗), 厚生労働省 2014; pp91-99
5. 田川学, 須磨崎亮. 11. 急性肝不全(劇症肝不全); "小児の治療指針(第8版)" (編集顧問 斎藤義勝, 小佐野満, 勝沼俊雄, 小林登, 斎藤加代子, 斎藤博久, 高橋尚人, 友政剛, 長谷川行洋, 塙嘉之, 平岩幹男, 前川喜平, 松尾宣武, 柳澤正義, 藤田敬次郎, 渡辺博, 編集主幹 石和田稔彦, 井田博幸, 岡明, 斎藤義明, 関口進一郎, 三浦大), 診断と治療社(東京) 2014; pp641-645
6. 武田篤也, 櫻井英幸, 佐貫直子, 奥村敏之, 西村修一. 2. 肝癌に対する多様化する放射線治療; "肝疾患 review 2014-2015 (第1版)" (監修 小俣政男, 編集 椎名秀一朗, 坂本直哉, 丸澤宏之), 日本メディカルセンター(東京) 2014; pp151-157
7. 濱田吉則, 増本幸二. Hirschsprung 病類縁疾患 : Segmental dilatation of intestine; "厚生労働科学研究費補助金難治性疾患克服研究事業「小児期からの消化器系希少難治性疾患群の包括的調査研究とシームレスなガイドライン作成」平成24-25年度総合研究報告書 (編集 田口智章), 厚生労働省 2014; pp63-65

8. 濱田吉則, 増本幸二, 坂口達馬. ヒルシュスブルング病類縁疾患 : Segmental dilatation of intestine; "厚生労働科学研究費補助金難治性疾患克服研究事業「小児期からの消化器系希難治性疾患群の包括的調査研究とシームレスなガイドライン作成」平成 25 年度総括・分担研究報告書(編集 田口智章), 厚生労働省 2014; pp40-42
9. 原尚人, 12 内分泌疾患. 急性乳腺症、乳輪下膿瘍; "今日の治療指針 私はこう治療している【ポケット判】(第 56 版)"(編集 山口徹, 北原光夫/福井次矢, 高木誠, 小室一成), 医学書院(東京) 2014; pp741
10. 原尚人. 12 内分泌疾患. 急性乳腺症、乳輪下膿瘍; "今日の治療指針 私はこう治療している【デスク版】(第 56 版)"(編集 山口徹, 北原光夫/福井次矢, 高木誠, 小室一成), 医学書院(東京) 2014; pp741
11. 増本幸二. D 腸・肛門 □解剖学的異常・通過障害 6 イレウス; "小児栄養消化器肝臓学(第 1 版)"(編集 日本栄養消化器肝臓学会), 診断と治療社(東京) 2014; pp233-236
12. 増本幸二. 第 3 章. 小児の栄養管理 3.新生兒.; "エビデンスにもとづく病態別栄養管理(編集 井上善文), MC メディカ出版(大阪) 2014; pp222-233
13. 増本幸二. 第 3 章. 小児の栄養管理 6.腎疾患; "エビデンスにもとづく病態別栄養管理(編集 井上善文), MC メディカ出版(大阪) 2014; pp247-256
14. 増本幸二. 第 3 章. 小児の栄養管理 7.呼吸器疾患; "エビデンスにもとづく病態別栄養管理(編集 井上善文), MC メディカ出版(大阪) 2014; pp257-265
15. 増本智彦. 脳腫瘍／頭蓋骨腫瘍 検査法と読影の勘ドコロ 他; "新 頭部画像診断の勘ドコロ(編集 高橋雅士, 前田正幸), メジカルビュー社(東京) 2014 (第 1 版); pp162-175
16. 増本智彦. 神経サルコイドーシス, 神経 Behçet 病; "頭部疾患画像アトラス(編集 土屋一洋, 山田惠, 森墾), 羊土社(東京) 2014 (第 1 版); pp206-214
17. 松村明, 室井愛. 先天異常/先天奇形 先天形態形成異常 神経管形成の異常. 重複脊髄; "別冊神経症候群 IV(第 2 版)"日本臨床社(大阪) 2014; pp57-60
18. 松村明, 山本哲哉. 腫瘍性疾患 神経上皮性腫瘍 松果体部腫瘍. 松果体細胞腫; "別冊神経症候群 IV(第 2 版)" 日本臨床社(大阪) 2014; pp157-160

## 血小板による新規肝疾患治療法開発

### 1) 英文論文

1. Murata S, Maruyama T, Nowatari T, Takahashi K, Ohkohchi N. Signal transduction of platelet-induced liver regeneration and decrease of liver fibrosis. *Int J Mol Sci* 15(4):5412-5425, 2014
2. Nowatari T, Murata S, Nakayama K, Sano N, Maruyama T, Nozaki R, Ikeda N, Fukunaga K, Ohkohchi N. Sphingosine 1-phosphate has anti-apoptotic effect on liver sinusoidal endothelial cells and proliferative effect on hepatocytes in a paracrine manner in human. *Hepatol Res* doi: 10.1111/hepr.12446, 2014
3. Ogawa K, Kondo T, Tamura T, Matsumura H, Fukunaga K, Murata S, Ohkohchi N. Interaction of kupffer cells and platelets determines the severity of ischemia-reperfusion injury in steatosis. *Tohoku J Exp Med* 232(2):105-113, 2014
4. Takahashi K, Murata S, Ohkohchi N. Platelets and Liver Regeneration. *Austin J Surg* 1(4):1019, 2014

## 前臨床がん研究

### 1) 英文論文

1. Akashi Y, Oda T, Ohara Y, Miyamoto R, Kurokawa T, Hashimoto S, Enomoto T, Yamada K, Satake M, Ohkohchi N. Anticancer effects of gemcitabine are enhanced by co-administered iRGD peptide in murine pancreatic cancer models that overexpressed neuropilin-1. *Br J Cancer* 110(6):1481-1487, 2014
2. Ando S, Matsuoka T, Kawai K, Sugita S, Joraku A, Kojima T, Suetomi T, Miyazaki J, Fujita J, Nishiyama H. Expression of the oncoprotein gankyrin and phosphorylated retinoblastoma protein in human testis and testicular germ cell tumor. *Int J Urol* 21(10):992-998, 2014
3. Azami S, Vo Nguyen TT, Watanabe Y, Kato M. Cooperative induction of transmembrane prostate androgen induced protein TMEPAI/PMEPA1 by transforming growth factor-beta and epidermal growth factor signaling. *Biochem Biophys Res Commun* doi: 10.1016/j.bbrc.2014.11.107, 2014
4. Endo T, Kawai K, Kamba T, Inai H, Uchida K, Miyazaki J, Kamoto T, Ogawa O, Nishiyama H. Risk factors for loss to follow-up during active surveillance of patients with Stage I seminoma. *Jpn J Clin Oncol* 44(4):355-359, 2014
5. Fujimoto H, Nakanishi H, Miki T, Kanayama HO, Ohyama C, Suzuki K, Nishiyama H, Eto M, Naito S, Fukumori T, Kubota Y, Takahashi S, Homma Y, Kamoi K. Oncological outcomes of renal pelvic and ureteral cancer patients registered in 2005: the first large population report from the Cancer Registration Committee of the Japanese Urological Association. *Int J Urol* 21(5):527-534, 2014
6. Goto Y, Hiramatsu Y, Ageyama N, Sato S, Kanemoto S, Sato Y, Sakakibara Y. Cardiopulmonary bypass induces recruitment of bone marrow-derived leukocytes to the lungs in monkeys. *Ann Thorac Surg* 97(2):617-622, 2014
7. Hamada S, Hinotsu S, Kawai K, Yamada S, Narita S, Kamba T, Nishiyama H, Arai Y, Habuchi T, Ogawa O, Kawakami K. Antiemetic efficacy and safety of a combination of palonosetron, aprepitant, and dexamethasone in patients with testicular germ cell tumor receiving 5-day cisplatin-based combination chemotherapy. *Support Care Cancer* 22(8):2161-2166, 2014
8. Iriyama N, Fujisawa S, Yoshida C, Wakita H, Chiba S, Okamoto S, Kawakami K, Takezako N, Kumagai T, Inokuchi K, Ohyashiki K, Taguchi J, Yano S, Igarashi T, Kouzai Y, Morita S, Sakamoto J, Sakamaki H. Shorter halving time of BCR-ABL1 transcripts is a novel predictor for achievement of molecular responses in newly diagnosed chronic-phase chronic myeloid leukemia treated with dasatinib: Results of the D-first study of Kanto CML study group. *Am J Hematol* doi: 10.1002/ajh.23923, 2014
9. Ito H, Matsushita S, Hyodo K, Tsurushima H, Sato Y, Sakakibara Y. Focusing on delayed clearance for identifying small-sized metastatic lung tumors using synchrotron radiation angiography with a highly sensitive receiver. *Gen Thorac Cardiovasc Surg* 62(9):553-559, 2014

10. Itoguchi N, Nakagawa T, Murata Y, Li D, Shiba-Ishii A, Minami Y, Noguchi M. Immunocytochemical staining for stratifin and OCIAD2 in bronchial washing specimens increases sensitivity for diagnosis of lung cancer. *Cytopathology* 2014
11. Kato T, Sakata-Yanagimoto M, Nishikii H, Ueno M, Miyake Y, Yokoyama Y, Asabe Y, Kamada Y, Muto H, Obara N, Suzukawa K, Hasegawa Y, Kitabayashi I, Uchida K, Hirao A, Yagita H, Kageyama R, Chiba S. Hes1 suppresses acute myeloid leukemia development through FLT3 repression. *Leukemia* doi: 10.1038/leu.2014.281, 2014
12. Kawai H, Satomi K, Morishita Y, Murata Y, Sugano M, Nakano N, Noguchi M. Developmental markers of ganglion cells in the enteric nervous system and their application for evaluation of Hirschsprung disease. *Pathol Int* 64(9):432-442, 2014
13. Kenmotsu H, Niho S, Ito T, Ishikawa Y, Noguchi M, Tada H, Sekine I, Watanabe S, Yoshimura M, Yamamoto N, Oshita F, Kubota K, Nagai K. A pilot study of adjuvant chemotherapy with irinotecan and cisplatin for completely resected high-grade pulmonary neuroendocrine carcinoma (large cell neuroendocrine carcinoma and small cell lung cancer). *Lung Cancer* 84(3):254-258, 2014
14. Kimura T, Onozawa M, Miyazaki J, Matsuoka T, Joraku A, Kawai K, Nishiyama H, Hinotsu S, Akaza H. Prognostic impact of young age on stage IV prostate cancer treated with primary androgen deprivation therapy. *Int J Urol* 21(6):578-583, 2014
15. Kishimoto M, Miyamoto R, Oda T, Ohara Y, Yanagihara H, Ohkohchi N, Kita E. Measurement of intravenously administered gamma-Fe2O3 particle amount in mice tissues using vibrating sample magnetometer. *IEEE Trans Nanobioscience* 13(4):425-430, 2014
16. Kobayashi N, Usui S, Yamaoka M, Suzuki H, Kikuchi S, Goto Y, Sakai M, Sato Y. The influence of serum sodium concentration on prognosis in resected non-small cell lung cancer. *Thorac Cardiovasc Surg* 62(4):338-343, 2014
17. Koizumi C, Suetomi T, Matsuoka T, Ikeda A, Kimura T, Onozawa M, Miyazaki J, Kawai K, Takahashi H, Akaza H, Nishiyama H. Regional difference in cancer detection rate in prostate cancer screening by a local municipality in Japan. *Prostate Int* 2(1):19-25, 2014
18. Konno R, Yoshikawa H, Okutani M, Quint W, P VS, Lin L, Struyf F. Efficacy of the human papillomavirus (HPV)-16/18 AS04-adjuvanted vaccine against cervical intraepithelial neoplasia and cervical infection in young Japanese women. *Hum Vaccin Immunother* 10(7):1781-1794, 2014
19. Kurobe M, Kawai K, Oikawa T, Ichioka D, Kandori S, Takaoka E, Kojima T, Joraku A, Suetomi T, Miyazaki J, Nishiyama H. Paclitaxel, ifosfamide, and cisplatin (TIP) as salvage and consolidation chemotherapy for advanced germ cell tumor. *J Cancer Res Clin Oncol* doi: 10.1007/s00432-014-1760-x, 2014
20. Lee SY, Kurita N, Maie K, Seki M, Yokoyama Y, Suzukawa K, Hasegawa Y, Chiba S. Prolonged Survival of a Refractory Acute Myeloid Leukemia Patient after a Third Hematopoietic Stem Cell

Transplantation with Umbilical Cord Blood following a Second Relapse. *Case Rep Hematol* 2014:918708, 2014

21. Lee SY, Okoshi Y, Kurita N, Seki M, Yokoyama Y, Maie K, Hasegawa Y, Chiba S. Prognosis factors in Japanese elderly patients with primary central nervous system lymphoma treated with a nonradiation, intermediate-dose methotrexate-containing regimen. *Oncol Res Treat* 37(7-8):378-383, 2014
22. Maie K, Yokoyama Y, Kurita N, Minohara H, Yanagimoto S, Hasegawa Y, Homma M, Chiba S. Hypouricemic effect and safety of febuxostat used for prevention of tumor lysis syndrome. *Springerplus* 3:501, 2014
23. Matsumoto K, Yaegashi N, Iwata T, Ariyoshi K, Fujiwara K, Shiroyama Y, Usami T, Kawano Y, Horie K, Kawano K, Noda K, Yoshikawa H. Monitoring the impact of a national HPV vaccination program in Japan (MINT Study): rationale, design and methods. *Jpn J Clin Oncol* 44(10):1000-1003, 2014
24. Matsumoto K, Katsumata N, Shibata T, Satoh T, Saitou M, Yunokawa M, Takano T, Nakamura K, Kamura T, Konishi I. Phase II trial of oral etoposide plus intravenous irinotecan in patients with platinum-resistant and taxane-pretreated ovarian cancer (JC0G0503). *Gynecol Oncol* doi: 10.1016/j.ygyno.2014.10.026, 2014
25. Matsuoka T, Kawai K, Kimura T, Kojima T, Onozawa M, Miyazaki J, Nishiyama H, Hinotsu S, Akaza H. Long-term outcomes of combined androgen blockade therapy in stage IV prostate cancer. *J Cancer Res Clin Oncol* doi: 10.1007/s00432-014-1856-3, 2014
26. Miki T, Kamoi K, Fujimoto H, Kanayama HO, Ohyama C, Suzuki K, Nishiyama H, Eto M, Naito S, Fukumori T, Kubota Y, Takahashi S, Mikami K, Homma Y. Clinical characteristics and oncological outcomes of testicular cancer patients registered in 2005 and 2008: the first large-scale study from the Cancer Registration Committee of the Japanese Urological Association. *Int J Urol* 21(8):S1-6, 2014
27. Minakami H, Maeda T, Fujii T, Hamada H, Iitsuka Y, Itakura A, Itoh H, Iwashita M, Kanagawa T, Kanai M, Kasuga Y, Kawabata M, Kobayashi K, Kotani T, Kudo Y, Makino Y, Matsubara S, Matsuda H, Miura K, Murakoshi T, Murotsuki J, Ohkuchi A, Ohno Y, Ohshima Y, Satoh S, Sekizawa A, Sugiura M, Suzuki S, Takahashi T, Tsukahara Y, Unno N, Yoshikawa H. Guidelines for obstetrical practice in Japan: Japan Society of Obstetrics and Gynecology (JSOG) and Japan Association of Obstetricians and Gynecologists (JAOG) 2014 edition. *J Obstet Gynaecol Res* 40(6):1469-1499, 2014
28. Miyamoto R, Oshiro Y, Hashimoto S, Kohno K, Fukunaga K, Oda T, Ohkohchi N. Three-dimensional imaging identified the accessory bile duct in a patient with cholangiocarcinoma. *World J Gastroenterol* 20(32):11451-11455, 2014
29. Morikawa A, Ueda K, Takahashi K, Fukunaga M, Iwashita M, Kobayashi Y, Takechi K, Umezawa

- S, Terauchi F, Kiguchi K, Aoki D, Nomura H, Yoshikawa H, Satoh T, Jobo T, Fujiwara H, Takei Y, Kamoi S, Terao Y, Isonishi S. Pathology-oriented treatment strategy of malignant ovarian tumor in pregnant women: analysis of 41 cases in Japan. *Int J Clin Oncol* 19(6):1074-1079, 2014
30. Mukai H, Takahashi S, Nozawa M, Onozawa Y, Miyazaki J, Ohno K, Suzuki K. Phase I dose-escalation and pharmacokinetic study (TED 11576) of cabazitaxel in Japanese patients with castration-resistant prostate cancer. *Cancer Chemother Pharmacol* 73(4):703-710, 2014
31. Murata Y, Minami Y, Iwakawa R, Yokota J, Usui S, Tsuta K, Shiraishi K, Sakashita S, Satomi K, Iijima T, Noguchi M. ECT2 amplification and overexpression as a new prognostic biomarker for early-stage lung adenocarcinoma. *Cancer Sci* 105(4):490-497, 2014
32. Muto H, Sakata-Yanagimoto M, Nagae G, Shiozawa Y, Miyake Y, Yoshida K, Enami T, Kamada Y, Kato T, Uchida K, Nanmoku T, Obara N, Suzukawa K, Sanada M, Nakamura N, Aburatani H, Ogawa S, Chiba S. Reduced TET2 function leads to T-cell lymphoma with follicular helper T-cell-like features in mice. *Blood Cancer J* 4:e264, 2014
33. Nakamoto-Matsubara R, Sakata-Yanagimoto M, Enami T, Yoshida K, Yanagimoto S, Shiozawa Y, Nanmoku T, Satomi K, Muto H, Obara N, Kato T, Kurita N, Yokoyama Y, Izutsu K, Ota Y, Sanada M, Shimizu S, Komeno T, Sato Y, Ito T, Kitabayashi I, Takeuchi K, Nakamura N, Ogawa S, Chiba S. Detection of the G17V RHOA mutation in angioimmunoblastic T-cell lymphoma and related lymphomas using quantitative allele-specific PCR. *PLoS One* 9(10):e109714, 2014
34. Nakamura T, Fukiage M, Higuchi M, Nakaya A, Yano I, Miyazaki J, Nishiyama H, Akaza H, Ito T, Hosokawa H, Nakayama T, Harashima H. Nanoparticulation of BCG-CWS for application to bladder cancer therapy. *J Control Release* 176:44-53, 2014
35. Nakamura T, Fukiage M, Suzuki Y, Yano I, Miyazaki J, Nishiyama H, Akaza H, Harashima H. Mechanism responsible for the antitumor effect of BCG-CWS using the LEEL method in a mouse bladder cancer model. *J Control Release* 196:161-167, 2014
36. Nakamura Y, Matsumoto K, Satoh T, Nishide K, Nozue A, Shimabukuro K, Endo S, Nagai K, Oki A, Minaguchi T, Morishita Y, Noguchi M, Yoshikawa H. Optimizing biopsy procedures during colposcopy for women with abnormal cervical cancer screening results: a multicenter prospective study. *Int J Clin Oncol* doi: 10.1007/s10147-014-0739-6, 2014
37. Nakano N, Maeyama K, Sakata N, Itoh F, Akatsu R, Nakata M, Katsu Y, Ikeno S, Togawa Y, Vo Nguyen TT, Watanabe Y, Kato M, Itoh S. C18 ORF1, a novel negative regulator of transforming growth factor-beta signaling. *J Biol Chem* 289(18):12680-12692, 2014
38. Noguchi R, Abe K, Hamada H, Ogura T, Obata M, Miyazono Y, Yoshikawa H. Outcomes of patients with prenatally diagnosed agenesis of the corpus callosum in conjunction with ventriculomegaly. *Arch Gynecol Obstet* 290(2):237-242, 2014
39. Nomura S, Ishii K, Maeda Y, Katayama Y, Yagi H, Fujishima N, Ota S, Seki M, Okada M, Ikezoe T,

- Hayashi K, Fujita S, Satake A, Ito T, Kyo T, Ishida Y, Chiba S, Ogawa H, Tanimoto M, Sawada K. The Preventative Effects of Recombinant Thrombomodulin on Transplantation-Associated Coagulopathy after Allogeneic Hematopoietic Stem Cell Transplantation. *J Stem Cell Res Ther* 4(11):1000247, 2014
40. Ohara R, Michikami H, Nakamura Y, Sakata A, Sakashita S, Satomi K, Shiba-Ishii A, Kano J, Yoshikawa H, Noguchi M. Moesin overexpression is a unique biomarker of adenomyosis. *Pathol Int* 64(3):115-122, 2014
41. Oshiro Y, Okumura T, Kurishima K, Homma S, Mizumoto M, Ishikawa H, Onizuka M, Sakai M, Goto Y, Hizawa N, Sato Y, Sakurai H. High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. *J Radiat Res* 55(5):959-965, 2014
42. Sakai M, Kurimori K, Saeki Y, Kitazawa S, Kobayashi K, Iguchi K, Sato Y. Video-assisted thoracoscopic conservative repair of postoperative lobar torsion. *Ann Thorac Surg* 98(5):e119-121, 2014
43. Sakata-Yanagimoto M, Enami T, Yokoyama Y, Chiba S. Disease-specific mutations in mature lymphoid neoplasms: recent advances. *Cancer Sci* 105(6):623-629, 2014
44. Sakata-Yanagimoto M, Enami T, Yoshida K, Shiraishi Y, Ishii R, Miyake Y, Muto H, Tsuyama N, Sato-Otsubo A, Okuno Y, Sakata S, Kamada Y, Nakamoto-Matsubara R, Tran NB, Izutsu K, Sato Y, Ohta Y, Furuta J, Shimizu S, Komeno T, Sato Y, Ito T, Noguchi M, Noguchi E, Sanada M, Chiba K, Tanaka H, Suzukawa K, Nammoku T, Hasegawa Y, Nureki O, Miyano S, Nakamura N, Takeuchi K, Ogawa S, Chiba S. Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. *Nat Genet* 46(2):171-175, 2014
45. Satoh T, Takei Y, Treilleux I, Devouassoux-Shisheboran M, Ledermann J, Viswanathan AN, Mahner S, Provencher DM, Mileshkin L, Avall-Lundqvist E, Pautier P, Reed NS, Fujiwara K. Gynecologic Cancer InterGroup (GCIG) consensus review for small cell carcinoma of the cervix. *Int J Gynecol Cancer* 24(9 Suppl 3):S102-108, 2014
46. Satomi K, Yoshida M, Matsuoka K, Okita H, Hosoya Y, Shioda Y, Kumagai MA, Mori T, Morishita Y, Noguchi M, Nakazawa A. Myelopathy mimicking subacute combined degeneration in a Down syndrome patient with methotrexate treatment for B lymphoblastic leukemia: report of an autopsy case. *Neuropathology* 34(4):414-419, 2014
47. Takaoka E, Miyazaki J, Kimura T, Kojima T, Kawai K, Murata Y, Itoguchi N, Minami Y, Nakamura T, Honda K, Nishiyama H. Concurrent urothelial carcinoma in the renal pelvis of an allograft kidney and native recipient bladder: evidence of donor origin. *Jpn J Clin Oncol* 44(4):366-369, 2014
48. Tanabe N, Shikama A, Bando H, Satoh T, Shimizu C. A survey of the practice patterns of gynecologic oncologists dealing with hereditary cancer patients in Japan. *Fam Cancer* 13(3):489-498, 2014

49. Thunnissen E, Noguchi M, Aisner S, Beasley MB, Brambilla E, Chirieac LR, Chung JH, Dacic S, Geisinger KR, Hirsch FR, Ishikawa Y, Kerr KM, Lantejoul S, Matsuno Y, Minami Y, Moreira AL, Pelosi G, Petersen I, Roggli V, Travis WD, Wistuba I, Yatabe Y, Dziadziuszko R, Witte B, Tsao MS, Nicholson AG. Reproducibility of histopathological diagnosis in poorly differentiated NSCLC: an international multiobserver study. *J Thorac Oncol* 9(9):1354-1362, 2014
50. Togo Y, Kubo T, Taoka R, Hiyama Y, Uehara T, Hashimoto J, Kurimura Y, Takahashi S, Tsukamoto T, Miyazaki J, Nishiyama H, Kira S, Kiyota H, Yazawa S, Niwa N, Hongo H, Oya M, Kato T, Yasuda M, Deguchi T, Ishikawa K, Hoshinaga K, Matsumoto M, Shigemura K, Tanaka K, Arakawa S, Fujisawa M, Wada K, Uehara S, Watanabe T, Kumon H, Kobayashi K, Matsubara A, Matsumoto M, Sho T, Hamasuna R, Matsumoto T, Hayami H, Nakagawa M, Yamamoto S. Occurrence of infection following prostate biopsy procedures in Japan: Japanese Research Group for Urinary Tract Infection (JRGU) - a multi-center retrospective study. *J Infect Chemother* 20(4):232-237, 2014
51. Uchida M, Kawai K, Kimura T, Ichioka D, Takaoka E, Suetomi T, Miyazaki J, Nishiyama H. Salvage chemotherapy with gemcitabine plus oxaliplatin for patients with testicular germ cell cancer. *Int J Clin Oncol* 19(6):1112-1117, 2014
52. Vo Nguyen TT, Watanabe Y, Shiba A, Noguchi M, Itoh S, Kato M. TMEPAI/PMEPA1 enhances tumorigenic activities in lung cancer cells. *Cancer Sci* 105(3):334-341, 2014
53. Yamada T, Abe K, Baba Y, Inubashiri E, Kawabata K, Kubo T, Maegawa Y, Fuchi N, Nomizo M, Shimada M, Shiozaki A, Hamada H, Matsubara S, Akutagawa N, Kataoka S, Maeda M, Masuzaki H, Sagawa N, Nakai A, Saito S, Minakami H. Vaccination during the 2013-2014 influenza season in pregnant Japanese women. *Eur J Clin Microbiol Infect Dis* doi: 10.1007/s10096-014-2259-8, 2014

## 2) 英文以外の論文

- 石川仁, 辻比呂志, 加藤弘之, 西山博之, 櫻井英幸. 限局性前立腺がんのテーラーメイド治療戦略を考える 外照射療法 粒子線治療. 泌尿器外科 27(8):1381-1384, 2014
- 大原玲奈, 濱田洋実. 【読み方がわかる!説明できる!産科の臨床検査ディクショナリー これさえあれば妊婦健診で困らない! エコーも CTG も】 (第 1 章)妊娠中の基本検査を理解しよう! 細菌関連検査 クラミジア. ペリネイタルケア 2014 新春増刊):068-071, 2014
- 越智寛幸, 吉川裕之. ベッセルシーリングの使い方 LigaSure TM 卵巣癌の手術. OGS NOW 18(78-85):2014
- 小畠真奈, 濱田洋実. 【読み方がわかる!説明できる!産科の臨床検査ディクショナリー これさえあれば妊婦健診で困らない! エコーも CTG も】 (第 1 章)妊娠中の基本検査を理解しよう! 細菌関連検査 GBS. ペリネイタルケア 2014 新春増刊):064-067, 2014
- 岡崎有香, 越智寛幸, 松本光司, 小貫麻美子, 八木洋也, 中尾砂理, 櫻井学, 川崎彰子, 中村優子, 佐藤豊実. エベロリムス内服中のインスリノーマ合併子宮体癌に腹腔鏡手術を行った 1 例.

日本外科系連合学会誌 39(5):989-995, 2014

6. 河合弘二. 【明解!! 必携 泌尿器科診療の手引き】 精巣腫瘍. 泌尿器外科 27(特別号):68-74, 2014
7. 河合弘二. 泌尿器科領域におけるトラブルシューティング(第 52 回) 化学療法開始直後に転移巣より出血をきたした精巣腫瘍の 2 例. 泌尿器外科 27(11):1795-1798, 2014
8. 川崎彰子. 一般不妊治療と ART における排卵誘発、黄体補充. 県母医報 255:21, 2014
9. 北村俊雄, 井上大地, 中原史雄, 大河内直子, 加藤奈緒子, 戸上勝仁, 内田智之, 鍵山侑希, 川畠公人, 永瀬玲奈, 堀川小百合, 林康貴, 斎賀真言, 伊沢久未, 沖俊彦, 千葉滋, 原田結花, 原田浩徳, 北浦次郎. 骨髄系造血器腫瘍発症の分子機構. 臨床血液 55(10):1715-1723, 2014
10. 黒部匡広, 小島崇宏, 高岡栄一郎, 辻本一平, 目翔太郎, 市岡大士, 神鳥周也, 常楽晃, 末富崇弘, 宮崎淳, 河合弘二, 西山博之, 萩谷千裕, 坪井洋人, 住田孝之, 佐藤泰樹, 里見介史, 野口雅之. 腎孟癌との鑑別が困難であった IgG4 関連疾患の 1 例 本邦文献例の検討. 泌尿器外科 27(11):1849-1854, 2014
11. 佐藤幸夫. 低電圧凝固 (ソフト凝固) -バイボーラとモノボーラ. 胸部外科 7 月増刊号 67):732-736, 2014
12. 佐藤豊実. 婦人科悪性腫瘍と血栓塞栓症. 日本産科婦人科学会雑誌 66(8):2024-2028, 2014
13. 佐藤豊実. 【卵巣がん治療の個別化を目指す新たな局面】 妊孕性温存治療はどこまで可能か? 産婦人科の実際 63(7):907-911, 2014
14. 佐藤豊実, 小関剛, 櫻井学, 中尾砂理, 越智寛幸, 小貫麻美子, 水口剛雄, 松本光司, 吉川裕之. 婦人科腫瘍・類腫瘍手術の進歩/進行・再発卵巣がんの手術 再発卵巣癌の手術. 産婦人科手術 25):17-22, 2014
15. 佐藤豊実, 志鎌あゆみ, 道上大雄, 吉川裕之. 【がん・生殖医療の現状と展望】 卵巣癌の治療と妊娠性温存. 産科と婦人科 81(10):1237-1242, 2014
16. 竹内朋代, 野口雅之. 生体試料バンキングの現状と将来. 呼吸 33(6):548-551, 2014
17. 塚田亨, 徳永千穂, 酒井光昭, 南優子, 佐藤幸夫. 肺動脈原発血管内膜肉腫に対する外科治療の経験. 日本血管外科学会 23(3):743-747, 2014
18. 中村優子, 松本光司, 越智寛幸, 小貫麻美子, 八木洋也, 中尾砂理, 櫻井学, 川崎彰子, 岡崎有香, 佐藤豊実. 予防的腹腔鏡下性腺摘除術にて性腺芽腫が発見された 46,XY 純型性腺異形成の 1 例. 日本外科系連合学会誌 39(4):771-774, 2014
19. 中野雅之, 南優子, 野口雅之. 新しい肺腺癌病理分類. 呼吸器内科 25(5):482-488, 2014
20. 西山博之. 膀胱癌・精巣腫瘍. 日本癌治療学会誌 49(2):299-301, 2014
21. 西田恵子, 佐藤豊実, 中村優子, 櫻井学, 中尾砂理, 八木洋也, 越智寛幸, 小貫麻美子, 川崎彰子, 松本光司. 4 回の再発腫瘍摘出術を経て 10 年以上の長期生存を得ている卵巣癌 IIIc 期の 1 例. 日本外科系連合学会誌 39(5):1007-1011, 2014
22. 濱田洋実. 【読み方がわかる! 説明できる! 産科の臨床検査ディクショナリー これさえあれ

- ば妊婦健診で困らない！エコーもCTGも】（第1章）妊娠中の基本検査を理解しよう！血液検査 HTLV-1抗体.ペリネイタルケア 2014新春増刊):041-043, 2014
23. 濱田洋実. 妊産婦等における適正使用情報の収集・活用の現状と問題点 SEA分類と「使用上の注意」への記載について. 医薬品医療機器レギュラトリーサイエンス 45(3):188-193, 2014
24. 濱田洋実. 【妊娠と薬物治療ガイドブック】妊娠と妊婦にまつわるトピックス 産婦人科診療ガイドライン 産科編 2014. 調剤と情報 20(11):1406-1408, 2014
25. 濱田洋実. 【妊娠と薬物治療ガイドブック】リスクの伝え方とコミュニケーション 医師はどのようにリスクを伝えているか. 調剤と情報 20(11):1346-1349, 2014
26. 濱田洋実. 【内科医に求められる他科の知識 専門家が伝える Do-Don't】（第5章）産婦人科妊娠女性およびその可能性がある女性への薬剤投与. 内科 114(6):1152-1153, 2014
27. 濱田洋実, 小畠真奈. 【診療ガイドライン産科編 2014 改訂と追加のポイントを読み解く】妊娠中の医薬品使用. 臨床婦人科産科 68(8):746-749, 2014
28. 松本光司, 越智寛幸, 小貫麻美子, 八木洋也, 中尾砂理, 櫻井学, 川崎彰子, 中村優子, 岡崎有香, 佐藤豊実. 当院における先進医療「腹腔鏡下子宫体がん根治手術」の現状. 日本外科系連合学会誌 39(4):651-656, 2014
29. 宮崎淳, 高岡栄一郎, 西山博之. 【筋層浸潤膀胱癌における膀胱温存療法の治療戦略】筋層浸潤癌に対する動注化学放射線療法と新しい膀胱温存療法について. 泌尿器外科 27(10):1611-1615, 2014
30. 吉川裕之. 未来の医療を創る臨床試験 計画・実行の勧め. 日本産科婦人科学会雑誌 66(8):1948-1957, 2014
31. 吉川裕之. 【内科医に求められる他科の知識 専門家が伝える Do-Don't】（第5章）産婦人科産婦人科領域 この10年の進歩. 内科 114(6):1132-1133, 2014

### 3) 英文著書

1. Wistuba I, Brambilla E, Noguchi M. 17. CLASSIC ANATOMIC PATHOLOGY AND LUNG CANCER; in "The IASLC Multidisciplinary Approach to Thoracic Oncology edition" (edited by Pass HI, Ball D, Scagliotti GV), IASLC International Association for the Study of Lung Cancer (Boston) 2014; pp217-240

### 4) 英文以外の著書

1. 佐藤豊実, 佐々木怜子. 術後癒着防止への対応; "婦人科診療ハンドブック" (編集 杉山徹, 大須賀穂, 宮城悦子), 中外医学社 (東京) 2014; pp433-435
2. 水口剛雄. ホルモン療法; "プリンシップル産科婦人科学 婦人科編 (第3版)" (監修 武谷雄二、上妻志郎、藤井知行、大須賀穂), メジカルビュー社 (東京) 2014; pp462-465

3. 宮崎淳. 19 泌尿器. 血尿 (突発性腎出欠を含む) ; "今日の治療指針 2015 年版 私はこう治療している (第 1 刷)" (監修山口徹、北原光夫, 総編集福井次矢、高木誠、小室一成), 医学書院 (東京) 2014; pp1115-1117

## 3D - CG バーチャル手術シミュレーションシステム

### 1) 英文論文

1. Aoki H, Mitani J, Kanamori Y, Fukui Y. AR based ornament design system for 3D printing. *Journal of Computational Design and Engineering* 2(1):47-54, 2014
2. Enzaki Y, Yano H, Oshiro Y, Kim J, Kim S, Iwata H, Ohkohchi N. Development of the haptic device for a hepatectomy surgery simulator. *Proceedings of Asia Haptics* 35, 2014
3. Igarashi Y, Mitani J. Weavy: interactive card-weaving design and construction. *IEEE Comput Graph Appl* 34(4):22-29, 2014
4. Iizuka S, Endo Y, Kanamori Y, Mitani J, Fukui Y. Efficient Depth Propagation for Constructing a Layered Depth Image from a Single Image. *Computer Graphics Forum* 33(7):279-288, 2014
5. Iizuka S, Kanamori Y, Mitani J, Fukui Y. Object repositioning based on the perspective in a single image. *Computer Graphics Forum* 33(8):157-166, 2014
6. Ishizuka S, Mukai T, Kakeya H. Viewing zone of an autostereoscopic display with a directional backlight using a convex lens array. *Journal of Electronic Imaging* 23(1):1-6, 2014
7. Kakeya H, Ishizuka S, Sato Y. Realization of an aerial 3D image that occludes the background scenery. *Opt Express* 22(20):24491-24496, 2014
8. Miyamoto R, Oshiro Y, Hashimoto S, Kohno K, Fukunaga K, Oda T, Ohkohchi N. Three-dimensional imaging identified the accessory bile duct in a patient with cholangiocarcinoma. *World J Gastroenterol* 20(32):11451-11455, 2014
9. Oshiro Y, Takahashi K, Sasaki R, Kondo T, Sakashita S, N. O. Adjuvant surgery for advanced extrahepatic cholangiocarcinoma. *World Clinical Case Report* 441-445, 2014
10. Oshiro Y, Yasue H, Takahashi K, Hattori S, Ideno S, Urayama T, Chiba M, Osari S, Naito T, Takeuchi K, Nagata K, Ohkohchi N. Mode of swine hepatitis E virus infection and replication in primary human hepatocytes. *J Gen Virol* 95(Pt 12):2677-2682, 2014
11. Tashima H, Katsunuma T, Kudo H, Murayama H, Obi T, Suga M, Yamaya T. Restoration of lost frequency in OpenPET imaging: comparison between the method of convex projections and the maximum likelihood expectation maximization method. *Radiol Phys Technol* 7(2):329-339, 2014
12. Zhang Q, Kakeya H. A high quality autostereoscopy system based on time-division quadplexing parallax barrier. *IEICE Trans Electron* E97-C(11):1074-1080, 2014

### 2) 英文以外の論文

1. 五十嵐悠紀, 三谷純. カード織りのためのテキスタイルデザインおよび制作支援. 芸術科学会論文誌 13(2):97-106, 2014
2. 大城幸雄, 大河内信弘. コンピュータ支援による近未来型手術エミュレーション・システム”を活用した革新的外科学教育システム構築の取り組み. 日外会誌 115:24-26, 2014

3. キムゼジョン, 金尚泰, 大城幸雄, 福永潔, 大河内信弘, 三谷純, 伊藤正博. 次世代型ダイナミック手術書（肝臓編）のコンテンツ開発. デザイン学研究作品集 ANNUAL DESIGN REVIEW OF JSSD: 88-93, 2014
4. 工藤博幸. 【CT の被曝低減化】 低被曝 CT における画像再構成法 統計的画像再構成、逐次近似画像再構成、圧縮センシングの基礎. MEDICAL IMAGING TECHNOLOGY 32(4):239-248, 2014
5. 工藤博幸. 『医用イメージングと計算機支援診断の統合』. インナービジョン 29(11):36, 2014
6. 工藤博幸. 『計算解剖学モデルに基づく医用イメージング高度化』. インナービジョン 29(11):50, 2014
7. 高橋一広, 大城幸雄. 肝門部胆管癌術後に発症した皮膚症状を伴わない Toxic Shock Syndrome の 1 例. 日本外科系連合学会誌 39(4):743-750, 2014
8. 滝沢穂高. 『空間統計臓器モデルと超画素値空間モデルに基づく高精度画像理解と胸部 CT への応用』. インナービジョン 29(11):40, 2014
9. 谷口将一郎, 矢野博明, 岩田洋夫. 2 自由度力覚提示装置による間接力覚提示. 日本バーチャルリアリティ学会論文誌 19(4):585-588, 2014
10. 山下貴之, 矢野博明, 岩田洋夫. LRF を用いた低自由度遠隔触知覚システムにおける形状と表面粗さの複合提示. 日本バーチャルリアリティ学会論文誌 19(4):513-522, 2014

## 神経生理学

### 1) 英文論文

1. Borgius L, Nishimaru H, Caldeira V, Kunugise Y, Low P, Reig R, Itohara S, Iwasato T, Kiehn O. Spinal glutamatergic neurons defined by EphA4 signaling are essential components of normal locomotor circuits. *J Neurosci* 34(11):3841-3853, 2014
2. Koganezawa T, Paton JF. Intrinsic chemosensitivity of rostral ventrolateral medullary sympathetic premotor neurons in the in situ arterially perfused preparation of rats. *Exp Physiol* 99(11):1453-1466, 2014
3. Ohyama K, Sugase-Miyamoto Y, Matsumoto N, Sato C, Shidara M. Small effect of upcoming reward outcomes on visual cue-related neuronal activity in macaque area TE during conditional associations. *Neurosci Res* 88:28-38, 2014
4. Setogawa T, Mizuhiki T, Matsumoto N, Akizawa F, Shidara M. Self-choice enhances value in reward-seeking in primates. *Neurosci Res* 80:45-54, 2014
5. Shidara M. Reward expectancy signals in monkey anterior cingulate cortex and its relation to reinforcement learning. *Alcohol Alcohol Suppl* 1:i30, 2014

### 2) 英文以外の論文

1. 山田洋, 橋本一紀. 罰を表現するドーパミン細胞と手綱核. *Clinical Neuroscience* 32(1):47-50, 2014

## 行動決定の脳内情報処理機構

### 1) 英文論文

1. Akiyama E, Hanaki N, Ishikawa R. How do experienced traders respond to inflows of inexperienced traders? An experimental analysis. *Journal of Economic Dynamics and Control* 45:1-18, 2014
2. Hori M, Yamada K, Ohnishi J, Sakamoto S, Furuie H, Murakami K, Ichitani Y. Tickling during adolescence alters fear-related and cognitive behaviors in rats after prolonged isolation. *Physiol Behav* 131:62-67, 2014
3. Horie K, Suemitsu A, Morita M. Direct estimation of hand motion speed from surface electromyograms using a selective desensitization neural network. *Journal of Signal Processing* 18(4):225-228, 2014
4. Ishikawa H, Yamada K, Pavlides C, Ichitani Y. Sleep deprivation impairs spontaneous object-place but not novel-object recognition in rats. *Neurosci Lett* 580:114-118, 2014
5. Kobayashi T, Shibuya T, Morita M. Q-learning in continuous state-action space with redundant dimensions using a selective desensitization neural network. *Proceedings of SCIS & ISIS 2014* 801-806, 2014
6. Ohyama K, Sugase-Miyamoto Y, Matsumoto N, Sato C, Shidara M. Small effect of upcoming reward outcomes on visual cue-related neuronal activity in macaque area TE during conditional associations. *Neurosci Res* 88:28-38, 2014
7. Ozawa T, Yamada K, Ichitani Y. Hippocampal BDNF treatment facilitates consolidation of spatial memory in spontaneous place recognition in rats. *Behav Brain Res* 263:210-216, 2014
8. Ryoke R, Yamada K, Ichitani Y. Long-term effects of traumatic stress on subsequent contextual fear conditioning in rats. *Physiol Behav* 129:30-35, 2014
9. Setogawa T, Mizuhiki T, Matsumoto N, Akizawa F, Shidara M. Self-choice enhances value in reward-seeking in primates. *Neurosci Res* 80:45-54, 2014
10. Shidara M. Reward expectancy signals in monkey anterior cingulate cortex and its relation to reinforcement learning. *Alcohol Alcoho* 49(Suppl 1): i30, 2014
11. Yamada K, Ueno M, Takano E, Ichitani Y. Retrieval-induced forgetting in rats. *Anim Cogn* 17(6):1407-1411, 2014
12. Yonenoh H, Akiyama E. Selection of opponents in the prisoners dilemma in dynamic networks: an experimental approach. *J Theor Biol* 351:25-36, 2014

## 統合的神經回路

### 1) 英文論文

1. Borgius L, Nishimaru H, Caldeira V, Kunugise Y, Low P, Reig R, Itohara S, Iwasato T, Kiehn O. Spinal glutamatergic neurons defined by EphA4 signaling are essential components of normal locomotor circuits. *J Neurosci* 34(11):3841-3853, 2014
2. Freeman SD, Keino-Masu K, Masu M, Ladher RK. Expression of the heparan sulfate 6-O-endosulfatases, Sulf1 and Sulf2, in the avian and mammalian inner ear suggests a role for sulfation during inner ear development. *Dev Dyn* doi: 10.1002/dvdy.24223, 2014
3. Koganezawa T, Paton JF. Intrinsic chemosensitivity of rostral ventrolateral medullary sympathetic premotor neurons in the in situ arterially perfused preparation of rats. *Exp Physiol* 99(11):1453-1466, 2014
4. Masuda T, Sakuma C, Nagaoka A, Yamagishi T, Ueda S, Nagase T, Yaginuma H. Follistatin-like 5 is expressed in restricted areas of the adult mouse brain: Implications for its function in the olfactory system. *Congenit Anom (Kyoto)* 54(1):63-66, 2014
5. Masuda T, Sakuma C, Yaginuma H, Taniguchi M. Attractive and permissive activities of semaphorin 5A toward dorsal root ganglion axons in higher vertebrate embryos. *Cell Adh Migr* 8(6):603-606, 2014
6. Namba T, Kibe Y, Funahashi Y, Nakamura S, Takano T, Ueno T, Shimada A, Kozawa S, Okamoto M, Shimoda Y, Oda K, Wada Y, Masuda T, Sakakibara A, Igarashi M, Miyata T, Faivre-Sarrailh C, Takeuchi K, Kaibuchi K. Pioneering axons regulate neuronal polarization in the developing cerebral cortex. *Neuron* 81(4):814-829, 2014
7. Ohtani A, Kozono N, Senzaki K, Shiga T. Serotonin 2A receptor regulates microtubule assembly and induces dynamics of dendritic growth cones in rat cortical neurons in vitro. *Neurosci Res* 81-82:11-20, 2014

## 基礎・社会・臨床医学の連携による健康長寿の実現

### 1) 英文論文

1. Daussy C, Faure F, Mayol K, Viel S, Gasteiger G, Charrier E, Bienvenu J, Henry T, Debien E, Hasan UA, Marvel J, Yoh K, Takahashi S, Prinz I, de Bernard S, Buffat L, Walzer T. T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. *J Exp Med* 211(3):563-577, 2014
2. Ebihara I, Hirayama K, Nagai M, Koda M, Gunji M, Okubo Y, Katayama T, Sato C, Usui J, Yamagata K, Kobayashi M. Soluble vascular endothelial-cadherin levels in patients with sepsis treated with direct hemoperfusion with a polymyxin B-immobilized fiber column. *Ther Apher Dial* 18(3):272-278, 2014
3. Fernando V, Omura S, Sato F, Kawai E, Martinez NE, Elliott SF, Yoh K, Takahashi S, Tsunoda I. Regulation of an autoimmune model for multiple sclerosis in Th2-biased GATA3 transgenic mice. *Int J Mol Sci* 15(2):1700-1718, 2014
4. Freeman SD, Keino-Masu K, Masu M, Ladher RK. Expression of the heparan sulfate 6-O-endosulfatases, Sulf1 and Sulf2, in the avian and mammalian inner ear suggests a role for sulfation during inner ear development. *Dev Dyn* doi:10.1002/dvdy.24223, 2014
5. Horie S, Ito S, Okada H, Kikuchi H, Narita I, Nishiyama T, Hasegawa T, Mikami H, Yamagata K, Yuno T, Muto S. Japanese guidelines of the management of hematuria 2013. *Clin Exp Nephrol* 18(5):679-689, 2014
6. Hoshino J, Yamagata K, Nishi S, Nakai S, Masakane I, Iseki K, Tsubakihara Y. Carpal tunnel surgery as proxy for dialysis-related amyloidosis: results from the Japanese society for dialysis therapy. *Am J Nephrol* 39(5):449-458, 2014
7. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
8. Ishigami T, Yamamoto R, Nagasawa Y, Isaka Y, Rakugi H, Iseki K, Yamagata K, Tsuruya K, Yoshida H, Fujimoto S, Asahi K, Kurahashi I, Ohashi Y, Moriyama T, Watanabe T. An association between serum gamma-glutamyltransferase and proteinuria in drinkers and non-drinkers: a Japanese nationwide cross-sectional survey. *Clin Exp Nephrol* 18(6):899-910, 2014
9. Kagohashi K, Satoh H, Ohara G, Miyazaki K, Kawaguchi M, Kurishima K, Hizawa N. Long-term safety of budesonide/formoterol for the treatment of elderly patients with bronchial asthma. *Exp Ther Med* 7(4):1005-1009, 2014
10. Kamei K, Konta T, Hirayama A, Suzuki K, Ichikawa K, Fujimoto S, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Kimura K, Narita I, Kondo M, Asahi K, Watanabe T. A slight increase within the

- normal range of serum uric acid and the decline in renal function: associations in a community-based population. *Nephrol Dial Transplant* 29(12):2286-2292, 2014
11. Kamei K, Konta T, Hirayama A, Suzuki K, Ichikawa K, Fujimoto S, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Kimura K, Narita I, Kondo M, Asahi K, Watanabe T. A slight increase within the normal range of serum uric acid and the decline in renal function: associations in a community-based population. *Nephrol Dial Transplant* 29(12):2286-2292, 2014
  12. Kihara M, Ito K, Nakata J, Otani M, Tran NL, Morito N, Takahashi S, Wada Y, Izui S. O-linked glycosylation determines the nephritogenic potential of IgA rheumatoid factor. *J Am Soc Nephrol* 25(6):1282-1290, 2014
  13. Koganemaru H, Hitomi S, Kai H, Yamagata K. A case of secondary syphilis demonstrating nephrotic syndrome and a solitary intrahepatic mass in a human immunodeficiency virus-1-infected patient. *J Infect Chemother* doi: 10.1016/j.jiac.2014.07.013, 2014
  14. Kondo M, Yamagata K, Hoshi SL, Saito C, Asahi K, Moriyama T, Tsuruya K, Konta T, Fujimoto S, Narita I, Kimura K, Iseki K, Watanabe T. Budget impact analysis of chronic kidney disease mass screening test in Japan. *Clin Exp Nephrol* 18(6):885-891, 2014
  15. Konno S, Hizawa N, Makita H, Shimizu K, Sakamoto T, Kokubu F, Saito T, Endo T, Ninomiya H, Iijima H, Kaneko N, Ito YM, Nishimura M. The effects of a Gly16Arg ADRB2 polymorphism on responses to salmeterol or montelukast in Japanese patients with mild persistent asthma. *Pharmacogenet Genomics* 24(5):246-255, 2014
  16. Martinez NE, Sato F, Kawai E, Omura S, Takahashi S, Yoh K, Tsunoda I. Th17-biased RORgammat transgenic mice become susceptible to a viral model for multiple sclerosis. *Brain Behav Immun* doi: 10.1016/j.bbi.2014.07.008, 2014
  17. Martinez NE, Sato F, Omura S, Kawai E, Takahashi S, Yoh K, Tsunoda I. RORgammat, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. *J Neuroimmunol* 276(1-2):142-149, 2014
  18. Morito N, Yoh K, Ojima M, Okamura M, Nakamura M, Hamada M, Shimohata H, Moriguchi T, Yamagata K, Takahashi S. Overexpression of Mafb in podocytes protects against diabetic nephropathy. *J Am Soc Nephrol* 25(11):2546-2557, 2014
  19. Nagai K, Saito C, Yamagata K. Birth weight and end-stage diabetic nephropathy in later life: a Japanese multicenter study. *Ther Apher Dial* 18(1):111-112, 2014
  20. Nagai K, Ueda A, Saito C, Zempo-Miyaki A, Yamagata K. Annual decline in pentraxin 3 is a risk of vascular access troubles in hemodialysis patients. *Int J Nephrol* 2014(297954), 2014
  21. Nagai K, Yamagata K. Quantitative evaluation of proteinuria for health checkups is more efficient than the dipstick method. *Clin Exp Nephrol* doi: 10.1007/s10157-014-1034-6, 2014
  22. Nagai K, Yamagata K, Ohkubo R, Saito C, Asahi K, Iseki K, Kimura K, Moriyama T, Narita I,

- Fujimoto S, Tsuruya K, Konta T, Kondo M, Watanabe T. Annual decline in estimated glomerular filtration rate is a risk factor for cardiovascular events independent of proteinuria. *Nephrology (Carlton)* 19(9):574-580, 2014
23. Nakai S, Hanafusa N, Masakane I, Taniguchi M, Hamano T, Shoji T, Hasegawa T, Itami N, Yamagata K, Shinoda T, Kazama JJ, Watanabe Y, Shigematsu T, Marubayashi S, Morita O, Wada A, Hashimoto S, Suzuki K, Nakamoto H, Kimata N, Wakai K, Fujii N, Ogata S, Tsuchida K, Nishi H, Iseki K, Tsubakihara Y. An overview of regular dialysis treatment in Japan (as of 31 December 2012). *Ther Apher Dial* 18(6):535-602, 2014
24. Nakauchi Y, Yamazaki S, Napier SC, Usui J, Ota Y, Takahashi S, Watanabe N, Nakauchi H. Effective treatment against severe graft-versus-host disease with allele-specific anti-HLA monoclonal antibody in a humanized mouse model. *Exp Hematol* doi: 10.1016/j.exphem.2014.10.008, 2014
25. Nanatsue K, Ninomiya T, Tsuchiya M, Tahara-Hanaoka S, Shibuya A, Masuko H, Sakamoto T, Hizawa N, Arinami T, Noguchi E. Influence of MILR1 promoter polymorphism on expression levels and the phenotype of atopy. *J Hum Genet* 59(9):480-483, 2014
26. Narimatsu Y, Kuno A, Ito H, Kaji H, Kaneko S, Usui J, Yamagata K, Narimatsu H. IgA nephropathy caused by unusual polymerization of IgA1 with aberrant N-glycosylation in a patient with monoclonal immunoglobulin deposition disease. *PLoS One* 9(3):e91079, 2014
27. Ohtsuka S, Ishii Y, Matsuyama M, Ano S, Morishima Y, Yanagawa T, Warabi E, Hizawa N. SQSTM1/p62/A170 regulates the severity of Legionella pneumophila pneumonia by modulating inflammasome activity. *Eur J Immunol* 44(4):1084-1092, 2014
28. Okamura M, Yoh K, Ojima M, Morito N, Takahashi S. Overexpression of GATA-3 in T cells accelerates dextran sulfate sodium-induced colitis. *Exp Anim* 63(2):133-140, 2014
29. Ota K, Kawaguchi M, Matsukura S, Kurokawa M, Kokubu F, Fujita J, Morishima Y, Huang SK, Ishii Y, Satoh H, Hizawa N. Potential involvement of IL-17F in asthma. *J Immunol Res* 2014:602846, 2014
30. Sato Y, Fujimoto S, Konta T, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Kimura K, Narita I, Kondo M, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Significance of estimated glomerular filtration rate in predicting brain or heart attacks in obese and non-obese populations. *Clin Exp Nephrol* doi: 10.1007/s10157-014-1062-2, 2014
31. Sato Y, Fujimoto S, Konta T, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. U-shaped association between body mass index and proteinuria in a large Japanese general population sample. *Clin Exp Nephrol* 18(1):75-86, 2014
32. Taniguchi N, Konno S, Isada A, Hattori T, Kimura H, Shimizu K, Maeda Y, Makita H, Hizawa N, Nishimura M. Association of the CAT-262C>T polymorphism with asthma in smokers and the nonemphysematous phenotype of chronic obstructive pulmonary disease. *Ann Allergy Asthma*

*Immunol* 113(1):31-36 e32, 2014

33. Terawaki H, Nakayama M, Asahi K, Kakamu T, Hayakawa T, Iseki K, Kimura K, Moriyama T, Yamagata K, Narita I, Fujimoto S, Tsuruya K, Konta T, Kondo M, Kurahashi I, Ohashi Y, Fukushima T, Watanabe T. Comparison of predictive value for first cardiovascular event between Japanese GFR equation and coefficient-modified CKD-EPI equation. *Clin Exp Nephrol* doi: 10.1007/s10157-014-0997-7, 2014
34. Tsuruya K, Yoshida H, Nagata M, Kitazono T, Hirakata H, Iseki K, Moriyama T, Yamagata K, Yoshida H, Fujimoto S, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Association of the triglycerides to high-density lipoprotein cholesterol ratio with the risk of chronic kidney disease: analysis in a large Japanese population. *Atherosclerosis* 233(1):260-267, 2014
35. Uchida D, Kawarasaki H, Shibagaki Y, Yasuda T, Tominaga N, Watanabe T, Asahi K, Iseki K, Iseki C, Tsuruya K, Yamagata K, Moriyama T, Narita I, Fujimoto S, Konta T, Kondo M, Kasahara M, Kimura K. Underestimating chronic kidney disease by urine dipstick without serum creatinine as a screening tool in the general Japanese population. *Clin Exp Nephrol* doi: 10.1007/s10157-014-1019-5, 2014
36. Usui J, Glezman IG, Salvatore SP, Chandran CB, Flombaum CD, Seshan SV. Clinicopathological spectrum of kidney diseases in cancer patients treated with vascular endothelial growth factor inhibitors: a report of 5 cases and review of literature. *Hum Pathol* 45(9):1918-1927, 2014
37. Wakasugi M, Kazama JJ, Narita I, Iseki K, Moriyama T, Yamagata K, Fujimoto S, Tsuruya K, Asahi K, Konta T, Kimura K, Kondo M, Kurahashi I, Ohashi Y, Watanabe T. Association between combined lifestyle factors and non-restorative sleep in Japan: a cross-sectional study based on a Japanese health database. *PLoS One* 9(9):e108718, 2014
38. Yageta Y, Ishii Y, Morishima Y, Ano S, Ohtsuka S, Matsuyama M, Takeuchi K, Itoh K, Yamamoto M, Hizawa N. Carbocisteine reduces virus-induced pulmonary inflammation in mice exposed to cigarette smoke. *Am J Respir Cell Mol Biol* 50(5):963-973, 2014
39. Yamada H, Yatagai Y, Masuko H, Sakamoto T, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Hizawa N. Heritability of pulmonary function estimated from genome-wide SNPs in healthy Japanese adults. *Respir Investig* doi: 10.1016/j.resinv.2014.10.004
40. Yamagata K, Yagisawa T, Nakai S, Nakayama M, Imai E, Hattori M, Iseki K, Akiba T. Prevalence and incidence of chronic kidney disease stage G5 in Japan. *Clin Exp Nephrol* doi: 10.1007/s10157-014-0978-x, 2014
41. Yano Y, Fujimoto S, Sato Y, Konta T, Iseki K, Iseki C, Moriyama T, Yamagata K, Tsuruya K, Narita I, Kondo M, Kimura K, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. New-onset hypertension and risk for chronic kidney disease in the Japanese general population. *J Hypertens* 32(12):2371-2377; discussion 2377, 2014

42. Yatagai Y, Sakamoto T, Yamada H, Masuko H, Kaneko Y, Iijima H, Naito T, Noguchi E, Hirota T, Tamari M, Konno S, Nishimura M, Hizawa N. Genomewide association study identifies HAS2 as a novel susceptibility gene for adult asthma in a Japanese population. *Clin Exp Allergy* 44(11):1327-1334, 2014
43. Yokoyama H, Sugiyama H, Narita I, Saito T, Yamagata K, Nishio S, Fujimoto S, Mori N, Yuzawa Y, Okuda S, Maruyama S, Sato H, Ueda Y, Makino H, Matsuo S. Outcomes of primary nephrotic syndrome in elderly Japanese: retrospective analysis of the Japan Renal Biopsy Registry (J-RBR). *Clin Exp Nephrol* doi: 10.1007/s10157-014-1022-x, 2014

## 2) 英文以外の論文

1. 阿野哲士, 森島祐子, 檜澤伸之. 呼吸器内科学 T 細胞特異的転写因子の発現バランスがアレルギー性気道炎症のフェノタイプを規定する. 医学のあゆみ 248(4):286-287, 2014
2. 飯島弘晃, 檜澤伸之. 喫煙による TSLP 産生誘導と気管支喘息. 臨床免疫・アレルギー科 61(6):689-693, 2014
3. 飯島弘晃, 檜澤伸之. 先端医学講座 アトピー分類と Thymic stromal lymphopoietin(TSLP)遺伝子. アレルギーの臨床 34(2):187-191, 2014
4. 飯島弘晃, 山田英恵, 谷田貝洋平, 金子美子, 内藤隆志, 坂本透, 増子裕典, 広田朝光, 玉利真由美, 今野哲, 西村正治, 檜澤伸之. アレルゲン特異的 IgE 反応性から分類した喘息フェノタイプ Thymic stromal lymphopoietin(TSLP)遺伝子と喫煙の役割. アレルギー 63(1):33-44, 2014
5. 臼井丈一. 【一般内科医のための腎疾患 A to Z】 腎臓自体の疾患 急速進行性糸球体腎炎 (RPGN). 内科 114(1):77-79, 2014
6. 臼井丈一, 山縣邦弘. 医学と医療の最前線 急速進行性糸球体腎炎. 日本国内科学会雑誌 103(10):2587-2593, 2014
7. 臼井丈一, 山縣邦弘. 【糸球体疾患:新たな概念と治療の進歩】 急速進行性腎炎症候群. 腎と透析 76(1):51-54, 2014
8. 臼井丈一, 山縣邦弘. 【腎臓病のすべて】 腎臓病各論 診断とエビデンスに基づいた治療 日本のガイドラインと世界のガイドライン 急速進行性糸球体腎炎の治療. 医学のあゆみ 249(9):812-816, 2014
9. 臼井俊明, 山縣邦弘. 浮腫 AtoZ(第4回) 腎性浮腫の特徴と対策. Fluid Management Renaissance 4(4):372-376, 2014
10. 甲斐平康, 山縣邦弘. 慢性腎不全(人工透析)合併妊娠. 腎と透析 77(5):805-808, 2014
11. 斎藤知栄, 山縣邦弘. 【血液透析ガイドラインを考える】 透析導入期における腎機能の評価と導入の準備. 腎と透析 76(5):665-669, 2014
12. 塩見耕平, 斎藤知栄, 山縣邦弘. 6 退院までの指導・準備 3 運動療法. 透析スタッフ 2(5):67-73, 2014

13. 清水薫子, 今野哲, 木村孔一, 荻喬博, 谷口菜津子, 清水健一, 伊佐田朗, 服部健史, 檜澤伸之, 谷口正実, 赤澤晃, 西村正治. 北海道上士幌町における成人喘息、アレルギー性鼻炎有病率の検討 2006年、2011年の比較. アレルギー 63(7):928-937, 2014
14. 中井滋, 花房規男, 政金生人, 谷口正智, 濱野高行, 庄司哲雄, 長谷川毅, 伊丹儀友, 山縣邦弘, 篠田俊雄, 風間順一郎, 渡邊有三, 重松隆, 丸林誠二, 守田治, 和田篤志, 橋本整司, 鈴木一之, 中元秀友, 木全直樹, 若井建志, 藤井直彦, 尾形聰, 土田健司, 西裕志, 井関邦敏, 椿原美治, 日本透析医学会統計調査委員会統計解析小委員会. わが国の慢性透析療法の現況(2012年12月31日現在). 日本透析医学会雑誌 47(1):1-56, 2014
15. 永井恵, 山縣邦弘. 【腎デナベーション:新展開はあるか?】慢性腎臓病を合併する高血圧への展開はあるか? 腎デナベーションの腎機能への影響と eGFR<45への適応の是非. 循環器内科 76(1):47-52, 2014
16. 野口和之, 深水昭吉, 山縣邦弘. 腎と RAS. 平成25年度山口内分泌財団地形報告書 121-130, 2014
17. 長谷川毅, 中井滋, 森石みさき, 伊藤恭彦, 伊丹儀友, 政金生人, 花房規男, 谷口正智, 濱野高行, 庄司哲雄, 山縣邦弘, 篠田俊雄, 風間順一郎, 渡邊有三, 重松隆, 丸林誠二, 守田治, 和田篤志, 橋本整司, 鈴木一之, 木全直樹, 若井建志, 藤井直彦, 尾形聰, 土田健司, 西裕志, 井関邦敏, 椿原美治, 中元秀友, 日本透析医学会統計調査委員会腹膜透析レジストリ小委員会. 腹膜透析(PD)レジストリ 2012年末調査報告. 日本透析医学会雑誌 47(2):107-117, 2014
18. 檜澤伸之. 長引く咳への対応. 日本耳鼻咽喉科学会会報 117(1):15-19,np5, 2014
19. 檜澤伸之. 喘息長期管理における LAMA の今後の展望 2 ICS+LABA+LAMA なのか、ICS+LAMA なのか. 吸入療法 6(1):78-82, 2014
20. 檜澤伸之. 【COPD治療のさらなる展開を目指す-ガイドライン第4版を巡って】COPDと喘息のオーバーラップを分子レベルから探る. 呼吸と循環 62(2):148-153, 2014
21. 檜澤伸之. 【COPD治療の新時代21世紀の「社会的」生活習慣病】COPDトピックス COPDの遺伝研究の最前線. 内科 113(2):241-244, 2014
22. 森山憲明, 山縣邦弘. 【内科救急のファーストタッチ】疾患編 腎臓疾患 慢性腎臓病(CKD)の急性増悪. 診断と治療 102(Suppl.):326-332, 2014
23. 森山憲明, 山縣邦弘. 【降圧目標値をめぐって】腎障害合併高血圧の降圧目標をめぐって. 血圧 21(11):944-948, 2014
24. 森戸直記, 山縣邦弘. 【CKDと水電解質】CKDの糸球体病変による水電解質異常. Fluid Management Renaissance 4(1):16-20, 2014
25. 山縣邦弘. 特集 健康の要 腎臓!腎臓をずっと元気に. NHK きょうの健康 9):5-25, 2014
26. 山縣邦弘. 末期慢性腎不全患者の治療方針 Update—透析導入から管理まではじめに. 週刊医学のあゆみ 250(13):1151 2014
27. 山縣邦弘. 【血液透析ガイドラインを考える】血液透析導入についての期待される今後の

4) 英文以外の著書

1. 臼井丈一, 3. 4. Goodpasture 症候群; "腎疾患・透析最新の治療 2014-2016 (第 1 版)" (編集 横野博史, 秋澤忠男, 山縣邦弘), 南江堂 (東京) 2014; pp153-155
2. 近藤正英, 第 4 章管理・治療. 医療経済; "最新医学別冊新しい診断と治療の ABC11CKD (慢性腎臓病) 慢性腎不全 (改訂第 2 版)" (編集 佐々木成), 最新医学社 (大阪) 2014; pp227-234
3. 斎藤知栄, 山縣邦弘. 1.透析医療と臨床研究. 1) 臨床研究を取り巻く環境の変化; "透析療法 ネクスト XVIII (第 1 版)" (編集 秋葉隆, 秋澤忠男), 医学図書出版 (東京) 2014; pp9-18
4. 中井滋, 井関邦敏, 伊丹儀友, 尾形聰, 風間順一郎, 木全直樹, 重松隆, 篠田俊雄, 庄司哲雄, 鈴木一之, 谷口正智, 土田健司, 中元秀友, 西裕志, 橋本整司, 長谷川毅, 花房規男, 濱野高行, 藤井直彦, 政金行人, 丸林誠二, 守田治, 山縣邦弘, 若井建志, 和田篤志, 渡辺有三. "透析医学会 統計 調査がわかる逆引き辞典 (第 1 版)" (編集 椿原美治), 医薬ジャーナル社 (大阪) 2014
5. 萩原正大, 山縣邦弘. A.腎臓病と薬剤 Q&A. Q21 急性糸球体腎炎に有効な薬剤は何ですか? 副作用は?; "腎臓病・高血圧と薬剤 実践 Q&A (編集 富野康日己)", 中外医学社 (東京) 2014; pp105-106
6. 萩原正大, 山縣邦弘. A.腎臓病と薬剤 Q&A. Q22 急速進行性糸球体腎炎に有効な薬剤は何ですか? 副作用は?; "腎臓病・高血圧と薬剤 実践 Q&A (編集 富野康日己)", 中外医学社 (東京) 2014; pp107-109
7. 萩原正大, 山縣邦弘. A.腎臓病と薬剤 Q&A. Q23 ループス腎炎といわれましたが、最新の薬物療法は何ですか?; "腎臓病・高血圧と薬剤 実践 Q&A (編集 富野康日己)", 中外医学社 (東京) 2014; pp110-112
8. 山縣邦弘. 第 1 章 透析の開始 1. 透析導入基準; "全人力・科学力・透析力 for the people 透析医学 (第 1 版)" (監修 平方秀樹, 編集 鶴屋一彦, 満生浩司, 升谷耕介, 谷口正智), 医薬ジャーナル社 (大阪) 2014; pp22-26
9. 山縣邦弘. 小型血管炎【免疫複合体性血管炎】抗 GBM 病診療の実際; "別冊・医学のあゆみ 血管炎の診断と治療—新分類 CHCC2012 に沿って— Diagnosis and treatment of Vasculitis -Chapel Hill Consensus Conference 2012:guide book (第 1 版)" (編集 尾崎承一), 医歯薬出版 (東京) 2014; pp59-64
10. 山縣邦弘. 1. 11. 腎代替療法導入基準の見直し; "腎疾患・透析最新の治療 2014-2016 (第 1 版)" (編集 横野博史, 秋澤忠男, 山縣邦弘), 南江堂 (東京) 2014; pp56-60
11. "腎疾患・透析最新の治療 2014-2016 (第 1 版)" (編集 横野博史, 秋澤忠男, 山縣邦弘), 南江堂 (東京) 2014
12. 山縣邦弘, 臼井丈一. VI.糸球体疾患. 14.感染に伴う糸球体疾患(MRSA, 細菌感染, ウイルス: 肝炎ウイルスや HIV, その他); "臨床腎臓内科学 (編集 安田孝, 平和伸仁, 小山雄太)", 南山堂

(東京) 2014; pp448-456

## 心臟血管

### 1) 英文論文

1. Abe D, Sato A, Hoshi T, Maruta S, Misaki M, Kakefuda Y, Watabe H, Hiraya D, Sakai S, Kawabe M, Takeyasu N, Aonuma K. Drug-eluting versus bare-metal stents in large coronary arteries of patients with ST-segment elevation myocardial infarction: findings from the ICAS registry. *J Cardiol* 64(5):377-383, 2014
2. Abe D, Sato A, Misaki M, Takeyasu N, Aonuma K. Miraculous catch of a broken coronary guidewire tip in the right internal carotid artery. *Int J Cardiol* 176(1):e1-2, 2014
3. Abe D, Sato A, Takeyasu N, Tokunaga C, Akishima S, Iijima T, Sakakibara Y, Aonuma K. Life-threatening acute heart failure due to primary cardiac undifferentiated pleomorphic sarcoma. *Intern Med* 53(16):1775-1777, 2014
4. Abe K, Machida T, Sumitomo N, Yamamoto H, Ohkubo K, Watanabe I, Makiyama T, Fukae S, Kohno M, Harrell DT, Ishikawa T, Tsuji Y, Nogami A, Watabe T, Oginosawa Y, Abe H, Maemura K, Motomura H, Makita N. Sodium channelopathy underlying familial sick sinus syndrome with early onset and predominantly male characteristics. *Circ Arrhythm Electrophysiol* 7(3):511-517, 2014
5. Adachi T, Yoshida K, Takeyasu N, Masuda K, Sekiguchi Y, Sato A, Tada H, Nogami A, Aonuma K. Left septal atrial tachycardia after open-heart surgery: relevance to surgical approach, anatomical and electrophysiological characteristics associated with catheter ablation, and procedural outcomes. *Circ Arrhythm Electrophysiol* doi: 10.1161/circep.114.001680, 2014
6. Aizawa Y, Sato M, Ohno S, Horie M, Takatsuki S, Fukuda K, Chinushi M, Usui T, Aonuma K, Hosaka Y, Haissaguerre M, Aizawa Y. Circadian pattern of fibrillatory events in non-Brugada-type idiopathic ventricular fibrillation with a focus on J waves. *Heart Rhythm* 11(12):2261-2266, 2014
7. Doki K, Sekiguchi Y, Kuga K, Aonuma K, Kohda Y, Homma M. Stereoselective analysis of flecainide enantiomers using reversed-phase liquid chromatography for assessing CYP2D6 activity. *Biomed Chromatogr* 28(9):1193-1198, 2014
8. Fujihara K, Suzuki H, Sato A, Ishizu T, Kodama S, Heianza Y, Saito K, Iwasaki H, Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Sone H, Shimano H. Comparison of the Framingham risk score, UK Prospective Diabetes Study (UKPDS) Risk Engine, Japanese Atherosclerosis Longitudinal Study-Existing Cohorts Combine (JALS-ECC) and maximum carotid intima-media thickness for predicting coronary artery stenosis in patients with asymptomatic type 2 diabetes. *J Atheroscler Thromb* 21(8):799-815, 2014
9. Goto Y, Hiramatsu Y, Ageyama N, Sato S, Kanemoto S, Sato Y, Sakakibara Y. Cardiopulmonary bypass induces recruitment of bone marrow-derived leukocytes to the lungs in monkeys. *Ann Thorac Surg* 97(2):617-622, 2014
10. Hikita H, Kuroda S, Oosaka Y, Kawaguchi N, Nakashima E, Sugiyama T, Akiyama D, Kamiishi T,

- Kimura S, Takahashi Y, Kuwahara T, Sato A, Takahashi A, Isobe M. Response to the letter to the editor "can statins alter coronary plaque morphology assessed by intravascular ultrasound?". *Angiology* 65(6):552, 2014
11. Hiramatsu Y. Pulmonary cusp and annular extension technique for reconstruction of right ventricular outflow in tetralogy of Fallot. *Ann Thorac Surg* 98(5):1850-1852, 2014
12. Hiramatsu Y, Sakakibara Y. Memorial address for Motokazu Hori (1929-2013). *Gen Thorac Cardiovasc Surg* 62(5):269-270, 2014
13. Homma S, Kimura T, Sakai S, Yanagi K, Miyauchi Y, Aonuma K, Miyauchi T. Calcitonin gene-related peptide protects the myocardium from ischemia induced by endothelin-1: intravital microscopic observation and (31)P-MR spectroscopic studies. *Life Sci* 118(2):248-254, 2014
14. Hoshi T, Sato A, Akiyama D, Kawabe M, Hiraya D, Aonuma K. Kounis syndrome manifesting as coronary aneurysm and very late coronary stent thrombosis. *JACC Cardiovasc Interv* 7(11):e173-176, 2014
15. Inoue K, Murakawa Y, Nogami A, Shoda M, Naito S, Kumagai K, Miyauchi Y, Yamane T, Morita N, Okumura K. Current status of catheter ablation for atrial fibrillation--updated summary of the Japanese Catheter Ablation Registry of Atrial Fibrillation (J-CARAF). *Circ J* 78(5):1112-1120, 2014
16. Inoue K, Murakawa Y, Nogami A, Shoda M, Naito S, Kumagai K, Miyauchi Y, Yamane T, Morita N, Okumura K. Clinical and procedural predictors of early complications of ablation for atrial fibrillation: analysis of the national registry data. *Heart Rhythm* 11(12):2247-2253, 2014
17. Ishizu T, Seo Y, Kameda Y, Kawamura R, Kimura T, Shimojo N, Xu D, Murakoshi N, Aonuma K. Left ventricular strain and transmural distribution of structural remodeling in hypertensive heart disease. *Hypertension* 63(3):500-506, 2014
18. Ito Y, Shiga K, Yoshida K, Ogata K, Kandori A, Inaba T, Nakazawa Y, Sekiguchi Y, Tada H, Sekihara K, Aonuma K. Development of a magnetocardiography-based algorithm for discrimination between ventricular arrhythmias originating from the right ventricular outflow tract and those originating from the aortic sinus cusp: a pilot study. *Heart Rhythm* 11(9):1605-1612, 2014
19. Katsuumi G, Shimizu W, Watanabe H, Noda T, Nogami A, Ohkubo K, Makiyama T, Takehara N, Kawamura Y, Hosaka Y, Sato M, Fukae S, Chinushi M, Oda H, Okabe M, Kimura A, Maemura K, Watanabe I, Kamakura S, Horie M, Aizawa Y, Makita N, Minamino T. Efficacy of bepridil to prevent ventricular fibrillation in severe form of early repolarization syndrome. *Int J Cardiol* 172(2):519-522, 2014
20. Kawabe M, Sato A, Hoshi T, Sakai S, Hiraya D, Watabe H, Kakefuda Y, Ishibashi M, Abe D, Takeyasu N, Aonuma K. Impact of Blood Urea Nitrogen for Long-term Risk Stratification in Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. *IJC Heart Vessels* 4:116-121, 2014

21. Kimura K, Nagano M, Salazar G, Yamashita T, Tsuboi I, Mishima H, Matsushita S, Sato F, Yamagata K, Ohneda O. The role of CCL5 in the ability of adipose tissue-derived mesenchymal stem cells to support repair of ischemic regions. *Stem Cells Dev* 23(5):488-501, 2014
22. Kimura T, Shiraishi K, Furusho A, Ito S, Hirakata S, Nishida N, Yoshimura K, Imanaka-Yoshida K, Yoshida T, Ikeda Y, Miyamoto T, Ueno T, Hamano K, Hiroe M, Aonuma K, Matsuzaki M, Imaizumi T, Aoki H. Tenascin C protects aorta from acute dissection in mice. *Sci Rep* 4:4051, 2014
23. Kinoshita K, Komatsu T, Nishide K, Hata Y, Hisajima N, Takahashi H, Kimoto K, Aonuma K, Tsushima E, Tabata T, Yoshida T, Mori H, Nishida K, Yamaguchi Y, Ichida F, Fukurotani K, Inoue H, Nishida N. A590T mutation in KCNQ1 C-terminal helix D decreases IKs channel trafficking and function but not Yotiao interaction. *J Mol Cell Cardiol* 72:273-280, 2014
24. Kuga K, Yamasaki H, Hattori A, Xu D, Watanabe S, Arimoto T, Aonuma K, Kohro T, Yamazaki T, Nagai R. Prognosis of myocardial infarction with left ventricular dysfunction in the coronary revascularization era. Subanalysis of the Japanese Coronary Artery Disease (JCAD) Study. *Circ J* 78(10):2483-2491, 2014
25. Kuroki K, Tada H, Kunugida F, Sekiguchi Y, Machino T, Yamasaki H, Igarashi M, Aonuma K. Hybrid epicardial and endocardial ablation of a persistent atrial tachycardia arising from the marshall bundle: the importance of a detailed analysis of the local potentials. *Heart Vessels* 2014
26. Kuwahara T, Takahashi A, Okubo K, Takagi K, Yamao K, Nakashima E, Kawaguchi N, Takigawa M, Watari Y, Sugiyama T, Handa K, Kimura S, Hikita H, Sato A, Aonuma K. Oesophageal cooling with ice water does not reduce the incidence of oesophageal lesions complicating catheter ablation of atrial fibrillation: randomized controlled study. *Europace* 16(6):834-839, 2014
27. Kuwahara T, Takahashi A, Takahashi Y, Okubo K, Takagi K, Fujino T, Kusa S, Takigawa M, Watari Y, Yamao K, Nakashima E, Kawaguchi N, Hikita H, Sato A, Aonuma K. Incidences of esophageal injury during esophageal temperature monitoring: a comparative study of a multi-thermocouple temperature probe and a deflectable temperature probe in atrial fibrillation ablation. *J Interv Card Electrophysiol* 39(3):251-257, 2014
28. Machino T, Murakoshi N, Sato A, Xu D, Hoshi T, Kimura T, Aonuma K. Anti-hypertensive effect of radiofrequency renal denervation in spontaneously hypertensive rats. *Life Sci* 110(2):86-92, 2014
29. Machino T, Tada H, Sekiguchi Y, Naruse Y, Kuroki K, Yamasaki H, Igarashi M, Yoshida K, Nogami A, Aonuma K. Counterclockwise heart rotation affects variation in successful ablation line position in common atrial flutter. *Circ J* 78(4):859-864, 2014
30. Machino-Otsuka T, Tajiri K, Kimura T, Sakai S, Sato A, Yoshida T, Hiroe M, Yasutomi Y, Aonuma K, Imanaka-Yoshida K. Tenascin-C aggravates autoimmune myocarditis via dendritic cell activation and Th17 cell differentiation. *J Am Heart Assoc* 3(6):e001052, 2014
31. Maeda S, Yokoyama Y, Nogami A, Chik WW, Hirao K. First case of left posterior fascicle in a

- bystander circuit of idiopathic left ventricular tachycardia. *Can J Cardiol* 30(11):1460 e1411-1463, 2014
32. Miyauchi Y, Jesmin S, Sakai S, Kamiyama J, Shimojo N, Rahman A, Islam M, Zaedi S, Maeda S, Maruyama H, Mizutani T, Homma S, Aonuma K, Miyauchi T. Effects of selective endothelin (ET)-A receptor antagonist versus dual ET-A/B receptor antagonist on hearts of streptozotocin-treated diabetic rats. *Life Sci* 111(1-2):6-11, 2014
  33. Murakawa Y, Nogami A, Shoda M, Inoue K, Naito S, Kumagai K, Miyauchi Y, Yamane T, Morita N, Mitamura H, Okumura K. Nationwide survey of catheter ablation for atrial fibrillation: The Japanese catheter ablation registry of atrial fibrillation (J-CARAF)—A report on periprocedural oral anticoagulants. *Journal of Arrhythmia* 31(1):229-232, 2014
  34. Murakawa Y, Nogami A, Shoda M, Inoue K, Naito S, Kumagai K, Miyauchi Y, Yamane T, Morita N, Okumura K. Nationwide survey of catheter ablation for atrial fibrillation: the Japanese Catheter Ablation Registry of Atrial Fibrillation (J-CARAF)--report of 1-year follow-up. *Circ J* 78(5):1091-1096, 2014
  35. Murakoshi N, Xu D, Sairenchi T, Igarashi M, Irie F, Tomizawa T, Tada H, Sekiguchi Y, Yamagishi K, Iso H, Yamaguchi I, Ota H, Aonuma K. Prognostic impact of supraventricular premature complexes in community-based health checkups: the Ibaraki Prefectural Health Study. *Eur Heart J* doi: 10.1093/euroheartj/ehu407, 2014
  36. Nakanishi K, Fukuda S, Watanabe H, Seo Y, Mahara K, Hyodo E, Otsuka K, Ishizu T, Shimada K, Sumiyoshi T, Aonuma K, Tomoike H, Yoshikawa J. The utility of fully automated real-time three-dimensional echocardiography in the evaluation of left ventricular diastolic function. *J Cardiol* 2014
  37. Naruse Y, Sekiguchi Y, Nogami A, Okada H, Yamauchi Y, Machino T, Kuroki K, Ito Y, Yamasaki H, Igarashi M, Tada H, Nitta J, Xu D, Sato A, Aonuma K. Systematic treatment approach to ventricular tachycardia in cardiac sarcoidosis. *Circ Arrhythm Electrophysiol* 7(3):407-413, 2014
  38. Naruse Y, Tada H, Harimura Y, Ishibashi M, Noguchi Y, Sato A, Hoshi T, Sekiguchi Y, Aonuma K. Early repolarization increases the occurrence of sustained ventricular tachyarrhythmias and sudden death in the chronic phase of an acute myocardial infarction. *Circ Arrhythm Electrophysiol* 7(4):626-632, 2014
  39. Nogami A. Satisfactory implantable cardioverter-defibrillator programming for shock reduction. No pain, no gain. *Circ J* 78(11):2619-2621, 2014
  40. Nogami A. Mapping and ablating ventricular premature contractions that trigger ventricular fibrillation: trigger elimination and substrate modification. *J Cardiovasc Electrophysiol* doi: 10.1111/jce.12547, 2014
  41. Nogami Y, Ishizu T, Atsumi A, Yamamoto M, Nakamura A, Machino-Ohtsuka T, Kawamura R, Seo

- Y, Aonuma K. Diastolic suction in heart failure: impact of left ventricular geometry, untwist, and flow mechanics. *Life Sci* 102(2):111-117, 2014
42. Nozue T, Yamamoto S, Tohyama S, Fukui K, Umezawa S, Onishi Y, Kunishima T, Sato A, Nozato T, Miyake S, Takeyama Y, Morino Y, Yamauchi T, Muramatsu T, Hibi K, Terashima M, Michishita I. Low serum docosahexaenoic acid is associated with progression of coronary atherosclerosis in statin-treated patients with diabetes mellitus: results of the treatment with statin on atheroma regression evaluated by intravascular ultrasound with virtual histology (TRUTH) study. *Cardiovasc Diabetol* 13:13, 2014
43. Nozue T, Yamamoto S, Tohyama S, Fukui K, Umezawa S, Onishi Y, Kunishima T, Sato A, Nozato T, Miyake S, Takeyama Y, Morino Y, Yamauchi T, Muramatsu T, Hibi K, Terashima M, Michishita I. Lipoprotein(a) is associated with necrotic core progression of non-culprit coronary lesions in statin-treated patients with angina pectoris. *Lipids Health Dis* 13:59, 2014
44. Ruwald MH, Okumura K, Kimura T, Aonuma K, Shoda M, Kutyifa V, Ruwald AC, McNitt S, Zareba W, Moss AJ. Syncope in high-risk cardiomyopathy patients with implantable defibrillators: frequency, risk factors, mechanisms, and association with mortality: results from the Multicenter Automatic Defibrillator Implantation Trial-Reduce Inappropriate Therapy (MADIT-RIT) study. *Circulation* 130(15):e133, 2014
45. Ruwald MH, Okumura K, Kimura T, Aonuma K, Shoda M, Kutyifa V, Ruwald AC, McNitt S, Zareba W, Moss AJ. Response to letter regarding article, "syncope in high-risk cardiomyopathy patients with implantable defibrillators: frequency, risk factors, mechanisms, and association with mortality: results from the Multicenter Automatic Defibrillator Implantation Trial-Reduce Inappropriate Therapy (MADIT-RIT) study". *Circulation* 130(15):e133, 2014
46. Sakai S, Shimojo N, Kimura T, Tajiri K, Maruyama H, Homma S, Kuga K, Mizutani T, Aonuma K, Miyauchi T. Involvement of peptidyl-prolyl isomerase Pin1 in the inhibitory effect of fluvastatin on endothelin-1-induced cardiomyocyte hypertrophy. *Life Sci* 102(2):98-104, 2014
47. Sakamaki F, Seo Y, Atsumi A, Yamamoto M, Machino-Ohtsuka T, Kawamura R, Yamasaki H, Igarashi M, Sekiguchi Y, Ishizu T, Aonuma K. Novel dyssynchrony evaluation by M-mode imaging in left bundle branch block and the application to predict responses for cardiac resynchronization therapy. *J Cardiol* 64(3):199-206, 2014
48. Sakamoto H, Matsushita S, Hyodo K, Tokunaga C, Sato F, Hiramatsu Y. A new technique of in vivo synchrotron radiation coronary microangiography in the rat. *Acta Radiol* doi: 10.1177/0284185114549570, 2014
49. Sato A. Predicting cardiac and all-cause death in asymptomatic patients on hemodialysis - importance of training in interpretation of beta-methyl iodophenyl-pentadecanoic acid single-photon emission computed tomography (BMIPP SPECT) imaging. *Circ J* doi: 10.1253/circj.CJ-14-1238,

2014

50. Sato A. Coronary plaque imaging by coronary computed tomography angiography. *World J Radiol* 6(5):148-159, 2014
51. Sato K, Seo Y, Ishizu T, Takeuchi M, Izumo M, Suzuki K, Yamashita E, Oshima S, Akashi YJ, Otsuji Y, Aonuma K. Prognostic value of global longitudinal strain in paradoxical low-flow, low-gradient severe aortic stenosis with preserved ejection fraction. *Circ J* 78(11):2750-2759, 2014
52. Sato M, Hiramatsu Y, Matsushita S, Sato S, Watanabe Y, Sakakibara Y. Shrinkage temperature and anti-calcification property of triglycidylamine-crosslinked autologous tissue. *J Artif Organs* 17(3):265-271, 2014
53. Seo Y, Ishizu T, Aonuma K. Current status of 3-dimensional speckle tracking echocardiography: a review from our experiences. *J Cardiovasc Ultrasound* 22(2):49-57, 2014
54. Seo Y, Ishizu T, Atsumi A, Kawamura R, Aonuma K. Three-dimensional speckle tracking echocardiography. *Circ J* 78(6):1290-1301, 2014
55. Shimojo N, Jesmin S, Sakai S, Maeda S, Miyauchi T, Mizutani T, Aonuma K, Kawano S. Fish oil constituent eicosapentaenoic acid inhibits endothelin-induced cardiomyocyte hypertrophy via PPAR-alpha. *Life Sci* 118(2):173-178, 2014
56. Tajiri K, Sakai S, Kimura T, Machino-Ohtsuka T, Murakoshi N, Xu D, Wang Z, Sato A, Miyauchi T, Aonuma K. Endothelin receptor antagonist exacerbates autoimmune myocarditis in mice. *Life Sci* 118(2):288-296, 2014
57. Tajiri K, Sato A, Harunari T, Shimojo N, Yamaguchi I, Aonuma K. Impact of rivaroxaban compared with warfarin on the coagulation status in Japanese patients with non-valvular atrial fibrillation: a preliminary analysis of the prothrombin fragment 1+2 levels. *J Cardiol* doi: 10.1016/j.jcc.2014.08.006, 2014
58. Tajiri K, Sato A, Hoshi T, Kimura T, Nakagawa Y, Sakai S, Aonuma K, Watanabe S. Mechanisms explaining the late "catch-up" phenomenon after sirolimus-eluting stent implantation. *Int J Cardiol* 177(1):44-45, 2014
59. Takagi M, Sekiguchi Y, Yokoyama Y, Aihara N, Hiraoka M, Aonuma K. Long-term prognosis in patients with Brugada syndrome based on Class II indication for implantable cardioverter-defibrillator in the HRS/EHRA/APHRS Expert Consensus Statement: multicenter study in Japan. *Heart Rhythm* 11(10):1716-1720, 2014
60. Takahashi Y, Osaka Y, Nogami A, Nishizaki M, Okishige K, Suzuki M, Yamauchi Y, Ono Y, Suzuki K, Hirao K, Isobe M. Inducibility of ventricular arrhythmias in early repolarization syndrome and Brugada syndrome: From the J-wave associated with prior cardiac event (J-PREVENT) registry. *Journal of Arrhythmia* 30(4):300-304, 2014
61. Toyama M, Watanabe S, Miyauchi T, Kuroda Y, Ojima E, Sato A, Seo Y, Aonuma K. Diabetes and

- obesity are significant risk factors for morning hypertension: from Ibaraki Hypertension Assessment Trial (I-HAT). *Life Sci* 104(1-2):32-37, 2014
62. Watabe H, Sato A, Hoshi T, Takeyasu N, Abe D, Akiyama D, Kakefuda Y, Nishina H, Noguchi Y, Aonuma K. Association of contrast-induced acute kidney injury with long-term cardiovascular events in acute coronary syndrome patients with chronic kidney disease undergoing emergent percutaneous coronary intervention. *Int J Cardiol* 174(1):57-63, 2014
63. Watanabe H, Kawarasaki M, Sato A. Wearable ECG monitoring and alerting system associated with smartphone: iHeart. *International Journal of E-Health and Medical Communications* 4:1-15, 2014
64. Xu D, Murakoshi N, Sairenchi T, Irie F, Igarashi M, Nogami A, Tomizawa T, Yamaguchi I, Yamagishi K, Iso H, Ota H, Aonuma K. Anemia and reduced kidney function as risk factors for new onset of atrial fibrillation (from the Ibaraki prefectural health study). *Am J Cardiol* doi: 10.1016/j.amjcard.2014.10.041, 2014
65. Yamamoto M, Seo Y, Kawamatsu N, Sato K, Sugano A, Machino-Ohtsuka T, Kawamura R, Nakajima H, Igarashi M, Sekiguchi Y, Ishizu T, Aonuma K. Complex left atrial appendage morphology and left atrial appendage thrombus formation in patients with atrial fibrillation. *Circ Cardiovasc Imaging* 7(2):337-343, 2014
66. Yoshida K, Yui Y, Kimata A, Koda N, Kato J, Baba M, Misaki M, Abe D, Tokunaga C, Akishima S, Sekiguchi Y, Tada H, Aonuma K, Takeyasu N. Troponin elevation after radiofrequency catheter ablation of atrial fibrillation: relevance to AF substrate, procedural outcomes, and reverse structural remodeling. *Heart Rhythm* 11(8):1336-1342, 2014

## 2) 英文以外の論文

- 木全啓, 五十嵐都, 黒木健志, 山崎浩, 會田敏, 町野毅, 井藤葉子, 関口幸夫, 野上昭彦, 青沼和隆. 複数の逆行性遅伝導路を認め、右房側および左房側からの通電を要し治療に難渋した稀有型房室結節回帰性頻拍の1例. 臨床心臓電気生理 37:145-152, 2014
- 佐藤明. 急性冠症候群に伴う不整脈とその対処. 心電図 34(2):108-117, 2014
- 佐藤明. 血管内視鏡で観察される所見とは. 映像情報 Medical 45(3):204-208, 2014
- 田原敬, 有海順子, 和田哲郎, 久賀圭祐, 竹田一則. 【医療従事者をめざす障害学生への支援-現状と課題-】 医療従事者をめざす障害学生への支援の現状と課題 筑波大学における聴覚障害学生への支援事例をもとに. リハビリテーション研究 44(2):9-14, 2014
- 塙田亨, 徳永千穂, 酒井光昭, 南優子, 佐藤幸夫, 榎原謙. 肺動脈原発血管内膜肉腫に対する外科治療の経験. 日本血管外科学会雑誌 23(3):743-747, 2014
- 中川和也, 浅川哲也, 清水琢也, 松村国佳, 山内康照, 青沼和隆. 下部共通路の存在にて興味ある頻拍開始様式を呈した稀有型房室結節リエントリー性頻拍(uncommon AVNRT)の1例. 臨

床心臓電気生理 37:161-168, 2014

7. 野上昭彦. 不整脈原性右室心筋症 (ARVC). 心電図 34:245-263, 2014
8. 野上昭彦. 新時代の心房細動マネージメント-アブレーションの立場から診る長期持続性心房細動-. Heart View 18:42231, 2014
9. 野上昭彦. 二次性心筋症 : 不整脈原性右室心筋症 日本内科学会雑誌 103(2):316-326, 2014
10. 林洋史, 村田広茂, 宮内靖史, 林明聰, 岩崎雄樹, 淀川顕司, 高橋健太, 植竹俊介, 坪井一平, 清水涉, 新田隆, 坂本俊一郎, 藤井正大, 功刀しのぶ, 青沼和隆, 林英守, 関田学. 切除不能な心臓腫瘍に関連した心室頻拍を開胸下凍結凝固により抑制した Gorlin 症候群の 1 例 病理学的見地も踏まえて. 心臓 46(Suppl.3):258-263, 2014
11. 町野智子. 長期持続性心房細動はアブレーションすべきなのか. Heart View 18(3):285-291, 2014
12. 柳下敦彦, 山内康照, 佐藤弘典, 山下周, 平尾龍彦, 曽井英祐, 川初寛道, 宮崎亮一, 山口徹雄, 原信博, 梅本朋幸, 宮本貴庸, 尾林徹, 平尾見三, 青沼和隆. 肺動脈隔離術が著効した肺動脈起源多形性心室頻拍の 1 例. 臨床心臓電気生理 37:111-118, 2014
13. 山下周, 山内康照, 柳下敦彦, 佐藤弘典, 平尾龍彦, 尾林徹, 宮本貴庸, 梅本朋幸, 原信博, 山口徹雄, 宮崎亮一, 曽井英祐, 川初寛道, 庄司聰, 平尾見三, 青沼和隆. 慢性期に肺静脈左房間の一方向性伝導ブロックを呈しその評価が非肺静脈起源の推測に有用であった発作性心房細動の 1 例. 心臓 46(Suppl.3):67-72, 2014

### 3) 英文著書

1. Nogami A, Tada H. 29. Ablation of idiopathic left and right ventricular and fascicular tachycardias; in "Catheter ablation of cardiac arrhythmia (3rd edition)" (edited by Huang SKS, Miller JM), Elsevier (Philadelphia) 2014; pp540-578

### 4) 英文以外の著書

1. 油井慶晃, 石津智子, 青沼和隆. 周産期チーム医療と、IABP・S-G カテーテル 下の集中管理が奏功し妊娠出産した拡張型心筋症循環器疾患 治療過程で遭遇する諸問題の解決法 "循環器疾患 治療過程で遭遇する諸問題の解決法" (編集 代田浩之), 日本医事新報社 (東京) 2014; pp317-323
2. 黒木健志, 青沼和隆. 各種不整脈における心肺連関 病態と対策 心・肺・腎連関 再考察: 病態と対策; "ICU と CCU 38 (第 9 版)" 医学図書出版株式会社(東京) 2014; pp601-606
3. 黒木健志, 青沼和隆. 臓器障害の薬剤投与-注意と禁忌薬- カテーテル検査・治療時の薬剤投与の注意と禁忌薬; "成人病と生活習慣病 44 (第 2 版)", 東京医学社 (東京) 2014; pp227-230
4. 瀬尾由広, 青沼和隆. 虚血性僧帽弁逆流の評価における 3 次元心エコー法の役割 虚血性 MR: 最新の診断と治療-多様化する虚血性僧帽弁逆流の内科診断・治療- "日本冠疾患学会雑誌 20

(第3版)" 日本冠疾患学会(東京) 2014; pp224-230

5. 野上昭彦. ハートビューチ心房細動をどうマネージメントするか -新しい潮流を識る-; "新時代の心房細動マネージメント -アブレーションの立場からミス長期持続性心房細動- (第3版)"(編集 青沼和隆), メジカルビュー社 (東京) 2014; 18(3)8-15
6. 野上昭彦. I-8. entrainment pacing における局所電位の解析; "心内局所電位 (第1版)" (編集 小林義典, 野上昭彦), 南江堂 (東京) 2014; pp331-339
7. 野上昭彦. II-5. Purkinje 電位; "心内局所電位 (第1版)" (編集 小林義典, 野上昭彦), 南江堂 (東京) 2014; pp138-150
8. 深田光敬, 野上昭彦. ミニ特集「カテーテルアブレーションの適応と手技に関するガイドライン」; "ハートナーシング"メディカ出版 (大阪) 2014
9. 町野毅, 青沼和隆. X-1. 洞不全症候群; "循環器疾患最新の治療 2014-2015 (第1版)" (編集 堀正二, 永井良三), 南江堂 (東京) 2014; pp267-270
10. 町野毅, 青沼和隆. カテーテルアブレーション; "医学のあゆみ (第3000号記念特集号) (第1版)" (編集 土岐彰, 増本幸二), 医歯薬出版 (東京) 2014; pp412

## 女性の健康と母性看護学に関する研究

### 1) 英文論文

1. Emori Y, Amagai S, Koizumi H, Murai F, Kawano A, Sannkai C. Relationship of socioeconomic status with psychological state and the number of weeks of pregnancy at the time of a first prenatal examination among perinatal women. *General Medicine* 15(1):34-42, 2014

### 2) 英文以外の論文

1. 天貝静, 江守陽子, 村井文江, 小泉仁子. 妊娠女性の社会経済的地位と抑うつおよび人生満足度との関係. 母性衛生 55(2):387-395, 2014
2. 岡本佐智子, 渋谷えり子, 江守陽子. 主観的に「心地よい」と感じるハンドマッサージのリラクセーション効果の検証. Health Science 30(2):67-74, 2014
3. 村井文江, 江守陽子. 小学校3年生の保護者がとらえる"性教育"と"家庭における性教育の取り組み"に関する質的分析 思春期の子どもを持つ家庭における性教育の支援の検討に向けて. 思春期学 32(1):176-187, 2014

## 聴覚障害発症機序の解明に関する検討

### 1) 英文論文

1. Chi le NU, Tabuchi K, Nakamagoe M, Nakayama M, Nishimura B, Hara A. Ceramide/sphingomyelin cycle involvement in gentamicin-induced cochlear hair cell death. *Arch Toxicol* doi: 10.1007/s00204-014-1259-x, 2014
2. Iizuka M, Tsuboi H, Matsuo N, Asashima H, Hirota T, Kondo Y, Iwakura Y, Takahashi S, Matsumoto I, Sumida T. A crucial role of RORgammat in the development of spontaneous Sialadenitis-like Sjogren's syndrome. *J Immunol* doi: 10.4049/jimmunol.1401118, 2014
3. Iriguchi S, Kikuchi N, Kaneko S, Noguchi E, Morishima Y, Matsuyama M, Yoh K, Takahashi S, Nakauchi H, Ishii Y. T-cell-restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. *Blood* doi: 10.1182/blood-2014-05-575225, 2014
4. Martinez NE, Sato F, Omura S, Kawai E, Takahashi S, Yoh K, Tsunoda I. RORgammat, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. *J Neuroimmunol* 276(1-2):142-149, 2014
5. Nagasaki H, Katsumata T, Oishi H, Tai PH, Sekiguchi Y, Koshida R, Jung Y, Kudo T, Takahashi S. Generation of insulin-producing cells from the mouse liver using beta cell-related gene transfer including Mafa and Mafb. *PLoS One* 9(11):e113022, 2014
6. Nakayama M, Tabuchi K, Hara A. Clinical utility of the modified Glasgow prognostic score in patients with advanced head and neck cancer. *Head Neck* doi: 10.1002/hed.23823, 2014
7. Nakayama M, Tabuchi K, Hoshino T, Nakamagoe M, Nishimura B, Hara A. The influence of sphingosine-1-phosphate receptor antagonists on gentamicin-induced hair cell loss of the rat cochlea. *Neurosci Lett* 561:91-95, 2014
8. Suzuki K, Numata T, Suzuki H, Raga DD, Ipulan LA, Yokoyama C, Matsushita S, Hamada M, Nakagata N, Nishinakamura R, Kume S, Takahashi S, Yamada G. Sexually dimorphic expression of Mafb regulates masculinization of the embryonic urethral formation. *Proc Natl Acad Sci U S A* 111(46):16407-16412, 2014

### 2) 英文以外の論文

1. 上前泊功, 和田哲郎, 高橋邦明, 原晃. 後鼻孔ロック固定法を用いた経鼻胃管事故(自己)抜去予防の検討. 医療の質・安全学会誌 9(4):341-343, 2014
2. 佐川里恵子, 上前泊功, 芦澤圭, 田中秀峰, 和田哲郎, 中居康展, 原晃. 吐血を契機に発見された異所性甲状腺例. 耳鼻咽喉科臨床 107(3):241-245, 2014
3. 田中晴香, 田渕経司, 西村文吾, 中山雅博, 原晃. 内頸静脈血栓症を契機に診断された抗リン脂質抗体症候群例. 耳鼻咽喉科臨床 107(6):489-492, 2014

4. 田中秀峰, 村下秀和, 原晃. 【鼻の疑問に答える】 鼻の形についての疑問 鼻中隔彎曲は矯正しなければいけないのか? *JOHNS* 30(7):823-825, 2014
5. 和田哲郎, 中山雅博, 廣瀬由紀, 西村文吾, 田中秀峰, 上前泊功, 田渕経司, 大久保英樹, 原晃. 筑波大学における聴覚障害医学生への教育と情報保障(第 2 報) 卒業から臨床研修へ. *Audiology Japan* 57(4):230-235, 2014
6. 和田哲郎, 原晃. 【よくわかる遺伝子】 単一遺伝子異常と疾患 神経線維腫症. *JOHNS* 30(6):753-757, 2014
7. Sasaki A, Matsubara A, Tabuchi K, Hara A, Namba A, Yamamoto Y, Shinkawa H. Immunoelectron microscopic analysis of neurotoxic effect of glutamate in the vestibular end organs during ischemia. *Lin Chung Er Bi Yan Hou Tou Jing Wai Ke Za Zhi* 28(2):122-126, 2014

## レギュラトリーサイエンス

### 1) 英文論文

1. Abe S, Hyono A, Kawai K, Nakamura K, Yawaka Y, Yoshida Y, Yonezawa T. Simple and rapid conductive preparation of wet biological samples for SEM observation: Use of an asymmetrical choline-like room temperature ionic liquid as a visualizing agent. *Nano Biomedicine* 6(1):41-46, 2014
2. Aoto K, Kanamori A, Yoshioka T, Uemura K, Sakane M, Yamazaki M. Circadian variation of growth factor levels in platelet-rich plasma. *Clin J Sport Med* 24(6):509-512, 2014
3. Ikumi A, wasashi M, Ri S, Hangai M, Muramatsu T, Sakane M. Clinical and radiological evaluation of unidirectional porous hydroxyapatite (Regenos®) for intra-articular calcaneal fracture with large bone defect. *The Foot and Ankle Online Journal* 7(2):5, 2014
4. Inoue M, Sakane M, Taguchi T. Fabrication of reactive poly(vinyl alcohol) membranes for prevention of bone cement leakage. *J Biomed Mater Res B Appl Biomater* 102(8):1786-1791, 2014
5. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
6. Mazaki T, Kitajima T, Shiozaki Y, Sato M, Mino M, Yoshida A, Nakamura M, Yoshida Y, Tanaka M, Ozaki T, Matsukawa A, Ito Y. In Vitro and in vivo enhanced osteogenesis by kaempferol found by a high-throughput assay using human mesenchymal stromal cells. *Journal of Functional Foods* 6(1):241-247, 2014
7. Mazaki T, Shiozaki Y, Yamane K, Yoshida A, Nakamura M, Yoshida Y, Zhou D, Kitajima T, Tanaka M, Ito Y, Ozaki T, Matsukawa A. A novel, visible light-induced, rapidly cross-linkable gelatin scaffold for osteochondral tissue engineering. *Sci Rep* 4:4457, 2014
8. Mine A, De Munck J, Cardoso MV, Van Landuyt KL, Poitevin A, Van Ende A, Matsumoto M, Yoshida Y, Kuboki T, Yatani H, Van Meerbeek B. Dentin-smear remains at self-etch adhesive interface. *Dent Mater* 30(10):1147-1153, 2014
9. Munar GM, Munar ML, Tsuru K, Ishikawa K. Effects of PLGA reinforcement methods on the mechanical property of carbonate apatite foam. *Biomed Mater Eng* 24(5):1817-1825, 2014
10. Mutsuzaki H, Ito A, Sogo Y, Sakane M, Oyane A, Yamazaki M. The calcium phosphate matrix of FGF-2-apatite composite layers contributes to their biological effects. *Int J Mol Sci* 15(6):10252-10270, 2014
11. Mutsuzaki H, Ito A, Sogo Y, Sakane M, Oyane A, Yamazaki M. The calcium phosphate matrix of FGF-2-apatite composite layers contributes to their biological effects. *Int J Mol Sci* 15(6):10252-10270, 2014

12. Mutsuzaki H, Nakajima H, Wadano Y, Watanabe S, Sakane M. Influence of gradual elongation to the patella tendon insertion in rabbits. *Int J Mol Sci* 15(8):14835-14847, 2014
13. Mutsuzaki H, Oyane A, Sogo Y, Sakane M, Ito A. Cefazolin-containing poly( $\epsilon$ -caprolactone) sponge pad to reduce pin tract infection rate in rabbits. *Asia-Pacific J Sports Med* 1(2):54-61, 2014
14. Mutsuzaki H, Oyane A, Sogo Y, Sakane M, Ito A. Cefazolin-containing poly( $\epsilon$ -caprolactone) sponge pad to reduce pin tract infection rate in rabbits. *Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology* 1(2):54-61, 2014
15. Noguchi H, Sakane M, Watanabe A, Tsukanishi T, Wadano Y, Yamazaki M. A novel unidirectional porous hydroxyapatite in canines. *Public Health Research* 3(4):228 –234, 2014
16. Nomura S, Tsuru K, Maruta M, Matsuya S, Takahashi I, Ishikawa K. Fabrication of carbonate apatite blocks from set gypsum based on dissolution-precipitation reaction in phosphate-carbonate mixed solution. *Dent Mater J* 33(2):166-172, 2014
17. Park SH, Zhu L, Tada S, Obuse S, Yoshida Y, Nakamura M, Son TI, Tsuneda S, Ito Y. Phosphorylated gelatin to enhance cell adhesion on titanium. *Polymer International* 63(1616-1619, 2014
18. Rashid AN, Tsuru K, Ishikawa K. Effect of calcium-ozone treatment on chemical and biological properties of polyethylene terephthalate. *J Biomed Mater Res B Appl Biomater* doi: 10.1002/jbm.b.33260, 2014
19. Sathi GA, Kenmizaki K, Yamaguchi S, Nagatsuka H, Yoshida Y, Matsugaki A, Ishimoto T, Imazato S, Nakano T, Matsumoto T. Early initiation of endochondral ossification of mouse femur cultured in hydrogel with different mechanical stiffness. *Tissue Eng Part C Methods* doi: 10.1089/ten.TEC.2014.0475, 2014
20. Tanaka Y, Isobe K, Ma E, Imai T, Kikumori T, Matsuda T, Maeda Y, Sakurai A, Midorikawa S, Hataya Y, Kato T, Kamide K, Ikeda Y, Okada Y, Adachi M, Yanase T, Takahashi H, Yokoyama C, Arai Y, Hashimoto K, Shimano H, Hara H, Kawakami Y, Takekoshi K. Plasma free metanephritines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. *Endocr J* 61(7):667-673, 2014
21. Uemura K, Kanamori A, Aoto K, Yamazaki M, Sakane M. Novel unidirectional porous hydroxyapatite used as a bone substitute for open wedge high tibial osteotomy. *J Mater Sci Mater Med* 25(11):2541-2547, 2014
22. Yamagami A, Nagaoka N, Yoshihara K, Nakamura M, Shirai H, Matsumoto T, Suzuki K, Yoshida Y. Ultra-structural evaluation of an anodic oxidized titanium dental implant. *Dent Mater J* 33(6):828-834, 2014
23. Yang X, Zhu L, Tada S, Zhou D, Kitajima T, Isoshima T, Yoshida Y, Nakamura M, Yan W, Ito Y. Mussel-inspired human gelatin nanocoating for creating biologically adhesive surfaces. *Int J*

2) 英文以外の論文

1. 安部哲哉, 船山徹, 竹内陽介, 坂根正孝, 山崎正志. 高齢者の骨粗鬆症性胸腰椎移行部破裂骨折に対する腸骨による椎体形成術と後方固定術の成績. *Journal of Spine Research* 5(7):1118-1123, 2014
2. 有安諒平, 江口清, 上野有希子, 久保田茂希, 河本浩明, 中田由夫, 坂根正孝, 山海嘉之. 変形性関節症患者に対するロボットスーツ HAL を用いた訓練効果の検討. 国立大学リハビリテーション療法士学術大会誌 35回:15-17, 2014
3. 大瀧保明, 馬見塚尚孝, 平野篤, 橋本幸一, 中田由夫, 藤江敬子, 坂根正孝, 山崎正志. 慣性センサを利用した歩行試験による腰部脊柱管狭窄症患者の術前・術後評価. 生体医工学 52(4):167-173, 2014
4. 大瀧保明, 馬見塚尚孝, 平野篤, 橋本幸一, 中田由夫, 藤江敬子, 坂根正孝, 山崎正志. 慣性センサを利用した歩行試験による腰部脊柱管狭窄症患者の術前・術後評価. 生体医工学 52(4):167-173, 2014
5. 大矢根綾子, 中村真紀, 王秀鵬, 伊藤敦夫, 鶴嶋英夫, 六崎裕高. バイオミネラリゼーションのバイオメディカル応用. 研究開発リーダー 94(1):?-?, 2014
6. 絹笠友則, 六崎裕高, 青戸克哉, 金森章浩, 池田耕太郎, 坂根正孝. 術中リン酸カルシウム複合化した骨付き大腿四頭筋腱を用いた前十字靱帯再建術. *JOSKAS* 39(1):150-151, 2014
7. 柴尾洋介, 西野衆文, 原友紀, 松本佑啓, 中谷卓史, 坂根正孝. 上肢壊死性筋膜炎に対して筋膜 debridement を行い患肢温存し救命した 2 例. 整形・災害外科 57(1):91-95, 2014
8. 塚西敏則, 坂根正孝, 安部哲哉, 船山徹, 山崎正志. インドシアニングリーン蛍光ナビゲーション(ICG 蛍光法)の脊髄腫瘍への応用と術中高位診断における有用性についての検討. *Journal of Spine Research* 5(7):1077-1082, 2014
9. 藤江敬子, 下鳥彩香, 安田貢, 橋本幸一, 中田由夫, 水谷太郎. ウツタイン様式データにおけるエラー発生の検討. 日本臨床救急医学会雑誌 17(1):49-55, 2014
10. 船山徹, 兵頭康次郎, 神山翔, 坂根正孝, 山崎正志, 藤井賢吾, 俣木優輝, 塚西敏則, 野口裕史. 胸腰椎化膿性脊椎炎に対する経皮的内視鏡下搔爬洗浄術の有用性と限界. 日本骨・関節感染症学会雑誌 27:140-145, 2014
11. 俣木優輝, 竹内陽介, 安部哲哉, 日置繁, 酒井晋介, 坂根正孝, 山崎正志. 臨床経験 高齢者の骨粗鬆症性椎体骨折に対する入院保存治療の成績と画像所見. 臨床整形外科 49(10):929-934, 2014

## 心肺脳蘇生

### 1) 英文論文

1. Ishitsuka S, Kusuyama N, Tanaka M. Optimal testing intervals in the squatting test. *Neurophysiology* 46(6):494-500, 2014
2. Tokuwaka J, Satsumae T, Mizutani T, Yamada K, Inomata S, Tanaka M. The relationship between age and minimum alveolar concentration of sevoflurane for maintaining bispectral index below 50 in children. *Anaesthesia* doi: 10.1111/anae.12890, 2014
3. Yamashita S, Takahashi S, Osaka Y, Fujikura K, Tabata K, Tanaka M. Efficacy of the transillumination method for appropriate tracheal tube placement in small children: a randomized controlled trial. *J Clin Anesth* doi: 10.1016/j.jclinane.2014.09.003, 2014

### 2) 英文以外の論文

1. 飯嶋千裕, 田中誠. 【直腸投与製剤 これまで集積されたノウハウと薬物治療の最前線】 エキスパートに学ぶ!薬物治療における直腸投与製剤の位置づけと活用のポイント 術後疼痛. 薬局 65(9):2445-2449, 2014

## ソーシャルインクルージョン

### 1) 英文論文

1. Doki S, Sasahara S, Matsuzaki I. Psychological approach of occupational health service to sick leave due to mental problems: a systematic review and meta-analysis. *Int Arch Occup Environ Health* doi: 10.1007/s00420-014-0996-8, 2014
2. Doki S, Sasahara S, Suzuki S, Hirai Y, Matsuzaki I. Health habits and stress coping among japanese local government workers: A cross-sectional study. *Journal of physical fitness nutrition and immunology* 24(2):64-69, 2014
3. Hirai Y, Kobayashi N, Oi Y, Usami K, Sasahara S, Matsuzaki I. Changes of readiness to return to work of users' in a japanese social firm: a longitudinal study. *Journal of physical fitness nutrition and immunology* 24(2):70-78, 2014
4. Ichikawa M, Nakahara S, Inada H. Impact of mandating a driving lesson for older drivers at license renewal in Japan. *Accid Anal Prev* doi: 10.1016/j.aap.2014.11.015 2014
5. Nakahara S, Ichikawa M, Nakajima Y. Effects of increasing child restraint use in reducing occupant injuries among children aged 0-5 years in Japan. *Traffic Inj Prev* doi: 10.1080/15389588.2014.897698, 2014
6. Nakahara S, Matsuoka T, Ueno M, Mizushima Y, Ichikawa M, Yokota J. Extremity injuries as predictors of emergency care resource needs among blunt trauma patients in Japan. *Am Surg* 80(2):197-203, 2014
7. Nishizawa D, Fukuda K, Kasai S, Ogai Y, Hasegawa J, Sato N, Yamada H, Tanioka F, Sugimura H, Hayashida M, Ikeda K. Association between KCNJ6 (GIRK2) gene polymorphism rs2835859 and post-operative analgesia, pain sensitivity, and nicotine dependence. *J Pharmacol Sci* 126(3):253-263, 2014
8. Ueki R, Ichikawa M, Hiranuma Y. Health communication method and primary care seeking after screening for early type 2 diabetes in a Japanese healthcare setting. *Diabetology International* 5(2):122-128, 2014

### 2) 英文以外の論文

1. 池田朋広, 小池純子, 幸田実, 稲本淳子, 森田展彰. 物質使用障害と精神病性障害を併せ持つ者への地域支援策の検討 薬物依存症リハビリテーション施設への全国調査から. 日本アルコール・薬物医学会雑誌 49(6):340-355, 2014
2. 池田朋広, 小池純子, 森田展彰, 合川勇三, 松本俊彦, 稲本淳子, 岩波明. 措置入院指定病院に入院する違法物質使用障害者の実態調査 退院時における逮捕群と非逮捕群との比較から. 日本社会精神医学会雑誌 23(2):112-122, 2014
3. 小池純子, 針間博彦, 宮城純子, 森田展彰, 中谷陽二. 研究と報告 触法精神障害者の長期入院

例 社会復帰阻害要因に焦点をあてて. 精神医学 56(11):931-940, 2014

4. 斎藤環. 「開かれた対話」と「人薬」. 家族療法研究 31(1):19, 2014
5. 斎藤環. 【「双極性障害」の真実】 「現代型うつ病」と承認欲求. アディクションと家族 29(4):297-303, 2014
6. 斎藤環. 【フィンランドで効果を上げる驚きの救急対応「オープンダイアローグ」】 オープンダイアローグ(開かれた対話)が統合失調症の治療風景を変える可能性について. 精神看護 17(4):7-18, 2014
7. 斎藤環. 【トラウマという視点から見た精神科臨床】 いじめ被害と PTSD. 精神科治療学 29(5):633-638, 2014
8. 斎藤環. 【ひきこもりからみた思春期の精神医療】 ひきこもりと精神医療・総論. 医学のあゆみ 250(4):243-248, 2014
9. 斎藤環. 【精神障害の長期予後】 不登校・ひきこもりの「長期間を経たその後の状態」について. 臨床精神医学 43(10):1481-1485, 2014
10. 斎藤環. 現代人が抱える依存症. 日本精神保健看護学会誌 23(2):90-105, 2014
11. 須賀朋子, 伊藤寿美, 森田展彰, 斎藤環. 思春期世代を教育する教員のDVの知識と予防教育への考え. 思春期学 32(2):265-271, 2014
12. 須賀朋子, 森田展彰, 斎藤環. 中学生・高校生のDVについての知識と考え方の実態. アディクションと家族 29(4):352-359, 2014
13. 須賀朋子, 森田展彰, 斎藤環. 高校生へのDV予防に向けての介入研究. 思春期学 32(4):404-412, 2014
14. 高原恵子, 森田展彰, 大谷保和, 梅野充, 幸田実, 池田朋広, 谷部陽子, 阿部幸枝, 近藤恒夫. 薬物依存症者に対する就労支援に関する研究 薬物依存症回復支援施設に対する全国調査から. 日本アルコール・薬物医学会雑誌 49(2):104-118, 2014
15. 平井康仁, 小林直紀, 友常祐介, 関昭宏, 大井雄一, 宇佐見和哉, 笹原信一朗, 松崎一葉. 心の健康問題による休業者の復職支援:事業規模別の事業場外資源に対する認知について. 体力・栄養・免疫学雑誌 24(2):90-98, 2014
16. 平井康仁, 鈴木瞬, 道喜将太郎, 金子秀敏, 小林直紀, 関昭宏, 商真哲, 羽岡健史, 大井雄一, 梅田忠敬, 宇佐見和哉, 友常祐介, 吉野聰, 笹原信一朗, 松崎一葉. 筑波研究学園都市の労働者を対象とした主観的健康感の実態調査. 厚生の指標 61(2):22-28, 2014
17. 山田昌弘, 斎藤環, 斎藤学. 【「双極性障害」の真実】 医療化する社会の中の人間. アディクションと家族 29(4):328-336, 2014

#### 4) 英文以外の著書

1. 宇佐見和哉. 事例でなっとく! 精神科産業医が教える 障害年金請求に必要な精神障害の知識と具体的対応. 日本法令 2014年 (全 273 ページ)

2. 森田展彰. トラウマとメンタルヘルス; "公衆衛生実践キーワード-地域保健活動の今がわかる明日がみえる(第1版)"(編集 鳩野洋子, 島田美喜), 医学書院(東京)2014; pp110-111

## ニュートリゲノミクス

### 1) 英文論文

1. Fujihara K, Suzuki H, Sato A, Ishizu T, Kodama S, Heianza Y, Saito K, Iwasaki H, Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Sone H, Shimano H. Comparison of the Framingham risk score, UK Prospective Diabetes Study (UKPDS) Risk Engine, Japanese Atherosclerosis Longitudinal Study-Existing Cohorts Combine (JALS-ECC) and maximum carotid intima-media thickness for predicting coronary artery stenosis in patients with asymptomatic type 2 diabetes. *J Atheroscler Thromb* 21(8):799-815, 2014
2. Horie T, Nishino T, Baba O, Kuwabara Y, Nakao T, Nishiga M, Usami S, Izuohara M, Nakazeki F, Ide Y, Koyama S, Sowa N, Yahagi N, Shimano H, Nakamura T, Hasegawa K, Kume N, Yokode M, Kita T, Kimura T, Ono K. MicroRNA-33b knock-in mice for an intron of sterol regulatory element-binding factor 1 (Srebf1) exhibit reduced HDL-C in vivo. *Sci Rep* 4:5312, 2014
3. Nakagawa Y, Satoh A, Yabe S, Furusawa M, Tokushige N, Tezuka H, Mikami M, Iwata W, Shingyouchi A, Matsuzaka T, Kiwata S, Fujimoto Y, Shimizu H, Danno H, Yamamoto T, Ishii K, Karasawa T, Takeuchi Y, Iwasaki H, Shimada M, Kawakami Y, Urayama O, Sone H, Takekoshi K, Kobayashi K, Yatoh S, Takahashi A, Yahagi N, Suzuki H, Yamada N, Shimano H. Hepatic CREB3L3 controls whole-body energy homeostasis and improves obesity and diabetes. *Endocrinology* 155(12):4706-4719, 2014
4. Tang N, Matsuzaka T, Suzuki M, Nakano Y, Zao H, Yokoo T, Suzuki-Kemuriyama N, Kuba M, Okajima Y, Takeuchi Y, Kobayashi K, Iwasaki H, Yatoh S, Takahashi A, Suzuki H, Sone H, Shimada M, Nakagawa Y, Yahagi N, Yamada N, Shimano H. Ablation of Elovl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. *Biochem Biophys Res Commun* 450(1):318-323, 2014

### 2) 英文以外の論文

1. 矢作直也, 島野仁. 肝の絶食応答. *Diabetes Frontier* 25:33-39, 2014
2. 矢作直也. 脂質管理・血糖管理：どこまで下げるか,いかに下げるか. *Medicina* 51(4):666-674, 2014
3. 矢作直也. 絶食によるエネルギー源のシフト機構の新知見. 内分泌・糖尿病・代謝内科 38(5):451-455, 2014
4. 矢作直也. 「絶食で痩せるメカニズム」に関する新知見. 医学のあゆみ 250(13):1197-1199, 2014

### 4) 英文以外の著書

1. 泉田欣彦, 矢作直也. 4. 肝臓グリコーゲンから脂肪分解への中枢性シグナリング; "糖尿病学 2014" (編集 門脇孝), 診断と治療社 (東京) 2014; pp23-29

## 脳腫瘍研究

### 1) 英文論文

1. Chi le NU, Tabuchi K, Nakamagoe M, Nakayama M, Nishimura B, Hara A. Ceramide/sphingomyelin cycle involvement in gentamicin-induced cochlear hair cell death. *Arch Toxicol* Doi: 10.1007/s00204-014-1259-x, 2014
2. Fukumitsu N, Ishikawa H, Ohnishi K, Terunuma T, Mizumoto M, Numajiri H, Aihara T, Okumura T, Tsuboi K, Sakae T, Sakurai H. Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. *Radiother Oncol* 113(1):72-76, 2014
3. Gerelchuluun A, Zhu J, Su F, Asaithamby A, Chen DJ, Tsuboi K. Homologous recombination pathway may play a major role in high-LET radiation-induced DNA double-strand break repair. *J Radiat Res* 55(Suppl 1):i83-i84, 2014
4. Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol* 20(6):746-754, 2014
5. Ishikawa E, Muragaki Y, Yamamoto T, Maruyama T, Tsuboi K, Ikuta S, Hashimoto K, Uemae Y, Ishihara T, Matsuda M, Matsutani M, Karasawa K, Nakazato Y, Abe T, Ohno T, Matsumura A. Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. *J Neurosurg* 121(3):543-553, 2014
6. Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol* 31(3):156-161, 2014
7. Ito H, Matsushita S, Hyodo K, Tsurushima H, Sato Y, Sakakibara Y. Focusing on delayed clearance for identifying small-sized metastatic lung tumors using synchrotron radiation angiography with a highly sensitive receiver. *Gen Thorac Cardiovasc Surg* 62(9):553-559, 2014
8. Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurol Med Chir (Tokyo)* 54(10):832-835, 2014
9. Kanemoto A, Hirayama R, Moritake T, Furusawa Y, Sun L, Sakae T, Kuno A, Terunuma T, Yasuoka K, Mori Y, Tsuboi K, Sakurai H. RBE and OER within the spread-out Bragg peak for proton beam therapy: in vitro study at the Proton Medical Research Center at the University of Tsukuba. *J Radiat Res* 55(5):1028-1032, 2014
10. Kato M, Manabe A, Koh K, Inukai T, Kiyokawa N, Fukushima T, Goto H, Hasegawa D, Ogawa C, Koike K, Ota S, Noguchi Y, Kikuchi A, Tsuchida M, Ohara A. Treatment outcomes of adolescent acute lymphoblastic leukemia treated on Tokyo Children's Cancer Study Group (TCCSG) clinical

- trials. *Int J Hematol* 100(2):180-187, 2014
11. Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med* 53(18):2149-2152, 2014
  12. Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec type IV, ST8). *J Infect Chemother* 20(10):643-646, 2014
  13. Kiyokawa N, Iijima K, Tomita O, Miharu M, Hasegawa D, Kobayashi K, Okita H, Kajiwara M, Shimada H, Inukai T, Makimoto A, Fukushima T, Nanmoku T, Koh K, Manabe A, Kikuchi A, Sugita K, Fujimoto J, Hayashi Y, Ohara A. Significance of CD66c expression in childhood acute lymphoblastic leukemia. *Leuk Res* 38(1):42-48, 2014
  14. Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant lymphoma in the parasellar region. *Case Rep Med* 2014(747280), 2014
  15. Marushima A, Nakai Y, Ikeda G, Tsuruta W, Tsurushima H, Suzuki K, Matsumura A. Cerebro-cardiovascular risk factors are equivalent for retinal ischemia and cerebral ischemia patients with carotid artery stenosis. *Journal of Neurological Disorder and Stroke* 2 1045, 2014
  16. Masuda Y, Yamamoto T, Akutsu H, Shiigai M, Masumoto T, Ishikawa E, Matsuda M, Matsumura A. Usefulness of subtraction of 3D T2WI-DRIVE from contrast-enhanced 3D T1WI: preoperative evaluations of the neurovascular anatomy of patients with neurovascular compression syndrome. *AJNR Am J Neuroradiol* doi: 10.3174/ajnr.A4130, 2014
  17. Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int* 5:54, 2014
  18. Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep* 75(1):e67-72, 2014
  19. Matsumura H, Suzuki H, Ito Y, Kino H, Tamai K, Notake S, Nakamura K, Shiigai M, Uemura K, Matsumura A. A case of cavernous sinus thrombosis caused by dialister pneumosintes, slackia exigua, and prevotella baroniae. *JMM Case Rep* 2014 doi: 10.1099/jmmcr.0.002683, 2014
  20. Mizumoto M, Oshiro Y, Okumura T, Fukuda K, Fukumitsu N, Abei M, Ishikawa H, Ohnishi K, Numajiri H, Tsuboi K, Sakurai H. Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. *Radiother Oncol* 113(1):54-59, 2014
  21. Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol* doi:

10.1016/j.prro.2014.03.012, 2014

22. Nakagawa T, Kumakawa K, Usami S, Hato N, Tabuchi K, Takahashi M, Fujiwara K, Sasaki A, Komune S, Sakamoto T, Hiraumi H, Yamamoto N, Tanaka S, Tada H, Yamamoto M, Yonezawa A, Ito-Ihara T, Ikeda T, Shimizu A, Tabata Y, Ito J. A randomized controlled clinical trial of topical insulin-like growth factor-1 therapy for sudden deafness refractory to systemic corticosteroid treatment. *BMC Med* 12:219, 2014
23. Nakai K, Yamamoto T, Kumada H, Matsumura A. Boron neutron capture therapy for glioblastoma: A phase-I/II clinical trial at JRR-4. *European Association of Neuro Oncology Magazine* 4:116-123, 2014
24. Nakayama M, Tabuchi K, Hara A. Clinical utility of the modified Glasgow prognostic score in patients with advanced head and neck cancer. *Head Neck* doi: 10.1002/hed.23823, 2014
25. Nakayama M, Tabuchi K, Hoshino T, Nakamagoe M, Nishimura B, Hara A. The influence of sphingosine-1-phosphate receptor antagonists on gentamicin-induced hair cell loss of the rat cochlea. *Neurosci Lett* 561:91-95, 2014
26. Ohkawa A, Mizumoto M, Ishikawa H, Abei M, Fukuda K, Hashimoto T, Sakae T, Tsuboi K, Okumura T, Sakurai H. Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. *J Gastroenterol Hepatol* doi: 10.1111/jgh.12843, 2014
27. Okamoto E, Ishikawa E, Yamamoto T, Matsuda M, Nakai K, Matsushita A, Masuda Y, Akutsu H, Ayuzawa S, Sakamaki F, Matsumoto Y, Matsumura A. Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. *Clin Neurophysiol* doi: 10.1016/j.clinph.2014.10.005, 2014
28. Sakakura K, Akutsu H, Yamamoto T, Masuda Y, Ishikawa E, Matsumura A. Trigeminal neuralgia in a patient with marfan syndrome: case report. *Neurol Med Chir (Tokyo)* doi: 10.2176/nmc.cr.2013-0072, 2014
29. Sato E, Yamamoto T, Shikano N, Ogura M, Nakai K, Yoshida F, Uemae Y, Takada T, Isobe T, Matsumura A. Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. *Appl Radiat Isot* 88:99-103, 2014
30. Shirakawa M, Nakai K, Yoshida F, Zaboronok A, Yamamoto T, Matsumura A. Evaluation of boron content liposome modified protein-transduction domains for boron neutron capture therapy. *International Journal of Emerging Technology and Advanced Engineering* 4(9):74-79, 2014
31. Sun L, Mizuno Y, Iwamoto M, Goto T, Koguchi Y, Miyamoto Y, Tsuboi K, Chida K, Moritake T. Direct measurement of a patient's entrance skin dose during pediatric cardiac catheterization. *J Radiat Res* 55(6):1122-1130, 2014
32. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING

SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014

33. Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr* 54(1):26-30, 2014
34. Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary adenoma histotype. *Int J Endocrinol* 2014:989574, 2014
35. Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon-beta inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol* 45(5):1837-1846, 2014
36. Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Oncotargets Ther* 7:1551-1562, 2014
37. Tanaka Y, Manabe A, Fukushima H, Suzuki R, Nakadate H, Kondoh K, Nakamura K, Koh K, Fukushima T, Tsuchida M, Koike K, Kiyokawa N, Noguchi E, Sumazaki R, Komiyama T. Multidrug resistance protein 4 (MRP4) polymorphisms impact the 6-mercaptopurine dose tolerance during maintenance therapy in Japanese childhood acute lymphoblastic leukemia. *Pharmacogenomics J* doi: 10.1038/tpj.2014.74, 2014
38. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014
39. Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol* 117(1):43-51, 2014
40. Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol* 31(3):182-186, 2014
41. Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot* 88:114-117, 2014
42. Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot* 88(86-88), 2014

## 2) 英文以外の論文

1. 阿久津博義, 増田洋亮, 松村明. 画像誘導手術支援技術: 術中 MRI. Science Academy of Tsukuba 26:8-9, 2014
2. 阿久津博義. 天井懸架移動式高磁場術中 MRI システムの運用がもたらした臨床的有用性について. 新医療 41(5):84-87, 2014
3. 阿久津博義. 経鼻内視鏡手術における耳鼻咽喉科合同 4-hand surgery のメリット. Pharma Medica 32(5):92-95, 2014
4. 阿久津博義. 下垂体疾患の手術手技-基本から応用まで. Progress in Medicine 34:2074-2075, 2014
5. 石川栄一, 坪井康次, 高野晋吾, 松村明. 「グリオーマ」、トピックス：グリオーマに対する免疫療法. クリニシャン 627(61):357-562, 2014
6. 石川栄一. 術中迅速病理診断と BCNU ウェハーの使用に関する提言. BCNU ウェハーの最新トピックス :2-4, 2014
7. 大矢根綾子, 中村真紀, 王秀鵬, 伊藤敦夫, 鶴嶋英夫, 六崎裕高. バイオミネラリゼーションのバイオメディカル応用. 研究開発リーダー 10(10):1-5, 2014
8. 木野弘善, 高野晋吾, 坂本規彰, 石川栄一, 山本哲哉, 松田真秀, 中井啓, 阿久津博義, 野口雅之, 松村明. グリア系腫瘍の免疫染色定量評価. Brain Tumor Pathology 31(Suppl.):081, 2014
9. 小松洋治, 木村泰, 平田浩二, 木野弘善, 小磯隆雄, 伊藤嘉朗, 中村和弘, 上村和也, 松村明. 80 歳以上におけるくも膜下出血の治療手禁忌と直達手術適応. 脳卒中の外科 42:247-252, 2014
10. 坂倉和樹, 鮎澤聰, 増田洋亮, 金啖浩, 松村明. 起立性頭痛を呈さなかった特発性髄液圧症候群に伴う両側慢性硬膜下血腫の 1 例. 脳神経外科 42(4):341-345, 2014
11. 坂本規彰, 石川栄一, 山本哲哉, 中井啓, 松田真秀, 里見介史, 高野晋吾, 松村明. 悪性 glioma の再発時病理組織の検討. Brain Tumor Pathology 31(Suppl.):126, 2014
12. 寺元洋平, 上野友之, 長柄昌浩, 鈴木健嗣, 中井啓, 山本詞子, 富所康志, 玉岡晃, 江口清, 松村明. 進行性球麻痺における嚥下圧および嚥下音の検討. 嚥下医学 3(1):143-144, 2014
13. 櫻井英幸, 石川仁, 福光延吉, 粟飯原輝人, 大西かよ子, 水本斉志, 室伏景子, 沼尻晴子, 大城佳子, 林靖孝, 奥村敏之, 榎武二, 坪井康次. 【外科切除適応の境界領域-Borderline resectable cancer への対応】 診断/術前療法 難治性腫瘍における術前(化学)放射線治療の意義 外科をサポートするための周術期放射線治療を目指して. 臨床外科 69(12):1310-1314, 2014
14. 鈴木健嗣, 上野友之, 寺元洋平, 中井啓, 江口清, 鮎澤聰, 日高紀久江, 松村明. 嚥下機能評価のための頸部装着型持続的嚥下モニターの開発. 嚥下医学 3(1):142, 2014
15. 鶴田和太郎. 血管解剖から考える脳動脈瘤塞栓術の難易度 脳血管内治療の進 2015 ステン型血栓回収機器は急性再開通治療をどう変えるか? どう活用するか?. ~脳血管内治療 ブラッシュアップセミナー2014~ :81-90, 2014
16. 鶴田和太郎. 文献レビュー動脈瘤. 東京脳卒中の血管内治療セミナーテキスト :71-83, 2014

17. 鶴田和太郎. 硬膜動静脈瘻の治療戦略とテクニック. 第30回日本脳神経血管内治療学会学術総会 Continuing Education Program (CEP) テキスト 63-75, 2014
18. 寺元洋平, 上野友之, JayatilakeDushantha, 鈴木健嗣, 中井啓, 日高紀久江, 鮎澤聰, 江口清, 松村明. 嘸下造影検査と高解像度マノメトリーとの同時記録による嘔下音の検討. 嘔下医学 3(2):320, 2014
19. 中井啓, 松村明. 脳神経外科リハビリテーションにおけるロボティクス技術の応用. 脳神経外科 42(7):605-613, 2014
20. 平田浩二, 小松洋治, 木村泰, 松村明. 教訓的症例に学ぶシリーズ 遺残性原始三叉動脈に両側内頸動脈病変を伴った1例. Neurological Surgery 42(6):575-580, 2014
21. 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本斉志, 沼尻晴子, 坪井康次, 櫻井英幸. 【肝がん: 診断と治療の進歩】治療法の進歩 肝がんの放射線治療. 日本国際科学会雑誌 103(1):116-122, 2014
22. 古林徹, 林崎規託, 片渕竜也, 三浦邦明, 有富正憲, 山本哲哉. 液体リチウムターゲット加速器 BNCT 照射システムの将来性- $^7\text{Li}(\text{p},\text{n})^7\text{Be}$  しきい値近傍反応中性子の利用-. 気学会論文誌 C (電子・情報・システム部門誌) 134:1406-1413, 2014
23. 松村明, 室井愛. 神経症候群IV (第2版) —その他の神経疾患を含めて— 先天異常／先天奇形 先天形態形成異常 神経管形成の異常 重複脊髄. 日本臨床別冊神経症候群 IV 57-60, 2014
24. 松村明, 室井愛. 中頭蓋窩の arachnoid cyst (くも膜囊胞) は手術が必要か くも膜囊胞は手術を検討すべきである. Headache Clinical & Science 5(2):20-22, 2014
25. 松村明. 脳神経外科と放射線治療のコラボレーション. JASTRO NEWSLETTER 113:19, 20, 2014
26. 村田耕一, 松村明, 五月女康作, 河本浩明, 山海嘉之. ピン刺激と擦過刺激が可能なMRI対応感覚刺激装置の開発. 日本機械学会論文集 80(810):DR0028, 2014
27. 室井愛. 頭部外傷: 軽症例での画像検査. 小児の脳神経 39(2):1-5, 2014
28. 室井愛. 神経症候群IV (第2版) —その他の神経疾患を含めて— 先天異常／先天奇形 先天形態形成異常 その他 多囊胞性脳症. 別冊日本臨床 新領域別症候群シリーズ 29:256-259, 2014
29. 山崎友郷, 山本哲哉. 三叉神経痛に対する外科的治療. 茨城県歯科医学会誌 22:3-6, 2014
30. 山本哲哉, 松村明. 【神経症候群 (第2版) —その他の神経疾患を含めて—】腫瘍性疾患 神経上皮性腫瘍 松果体部腫瘍 松果体細胞腫. 日本臨床別冊神経症候群 III 157-160, 2014
31. 山本哲哉. 悪性神経膠腫の手術支援システム-iMRI および 5-ALA PDD を中心に-. 座談会抄録集「悪性神経膠腫の術後画像新しい化学療法後の画像変化を中心に~」 6-8, 2014
32. 山本哲哉. 最悪のがん「神経膠芽腫」を中性子で狙い撃つ. 日本中性子科学会 世界結晶年 IYC r 2014 特別記念号 波紋 第9章, 2014
33. 渡邊真哉, 阿久津博義, 高野晋吾, 山本哲哉, 石川栄一, 松村明. カベルゴリンによるプロラク

チノーマの長期治療成績と再発例の検討. 日本内分泌学会雑誌 90(Suppl.HPT):22-24, 2014

3) 英文著書

1. Matsushita A, Ayuzawa S, Matsumura A. Electroneurophysiology and Brain Functional Imaging for Brain-Machine-Interface; in "Cybernetics: Fusion of human, machine and information systems (1st edition)" (edited by Sankai Y, Suzuki K, Hasegawa Y), Springer (Berlin) 2014; pp267-287

4) 英文以外の著書

1. 阿久津博義. 第 7 章 4. 神経内視鏡 神経内視鏡における止血・凝固機器; "先端医療シリーズ 45 臨床医のための最新脳神経外科 (第 1 版)" (編集 橋本信夫, 寺本明, 小川彰, 嘉山孝正), (株) 寺田国際事務所/先端医療技術研究所 (東京) 2014; pp151-154
2. 鶴嶋英夫. 脳腫瘍; "やさしい臨床医学テキスト (第 3 版)" (編集 星恵子), 薬事日報社 (東京) 2014; pp24-28
3. 増本智彦. 脳腫瘍／頭蓋骨腫瘍 検査法と読影の勘ドコロ 他; "新 頭部画像診断の勘ドコロ" (編集 高橋雅士, 前田正幸), メジカルビュー社 (東京) 2014; pp162-175
4. 増本智彦. 神経サルコイドーシス, 神経 Behçet 病; "頭部疾患画像アトラス(第 1 版)" (編集 土屋一洋, 山田惠, 森墾), 羊土社 (東京) 2014; pp206-214

## 放射線基礎医学

### 1) 英文論文

1. Aihara T, Morita N, Kamitani N, Kumada H, Ono K, Hiratsuka J, Harada T. BNCT for advanced or recurrent head and neck cancer. *Appl Radiat Isot* 88:12-15, 2014
2. Aoki-Nakano M, Furusawa Y, Uzawa A, Matsumoto Y, Hirayama R, Tsuruoka C, Ogino T, Nishio T, Kagawa K, Murakami M, Kagiya G, Kume K, Hatashita M, Fukuda S, Yamamoto K, Fuji H, Murayama S, Hata M, Sakae T, Matsumoto H. Relative biological effectiveness of therapeutic proton beams for HSG cells at Japanese proton therapy facilities. *J Radiat Res* 55(4):812-815, 2014
3. Davis AJ, Chen BP, Chen DJ. DNA-PK: a dynamic enzyme in a versatile DSB repair pathway. *DNA Repair (Amst)* 17:21-29, 2014
4. Davis AJ, Chen DJ. Complex DSBs: A need for resection. *Cell Cycle* 13(24):3796-3797, 2014
5. Davis AJ, Chi L, So S, Lee KJ, Mori E, Fattah K, Yang J, Chen DJ. BRCA1 modulates the autophosphorylation status of DNA-PKcs in S phase of the cell cycle. *Nucleic Acids Res* 42(18):11487-11501, 2014
6. Fattah FJ, Hara K, Fattah KR, Yang C, Wu N, Warrington R, Chen DJ, Zhou P, Boothman DA, Yu H. The transcription factor TFII-I promotes DNA translesion synthesis and genomic stability. *PLoS Genet* 10(6):e1004419, 2014
7. Fujibuchi T, Yonai S, Yoshida M, Sakae T, Watanabe H, Abe Y, Itami J. Measurement of activity distribution using photostimulable phosphor imaging plates in decommissioned 10 MV medical linear accelerator. *Health Phys* 107(2 Suppl 2):S158-162, 2014
8. Fukumitsu N, Ishikawa H, Ohnishi K, Terunuma T, Mizumoto M, Numajiri H, Aihara T, Okumura T, Tsuboi K, Sakae T, Sakurai H. Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. *Radiother Oncol* 113(1):72-76, 2014
9. Fuse H, Suzuki K, Shida K, Mori Y, Takahashi H, Kobayashi D, Seki M, Isobe T, Okumura T, Sakae T, Sakurai H. Total skin electron beam therapy using an inclinable couch on motorized table and a compensating filter. *Rev Sci Instrum* 85(6):064301, 2014
10. Gerelchuluun A ZJ, Su F, Asaithamby A, Chen DJ, Tsuboi K. Homologous recombination pathway may play a major role in high-LET radiation-induced DNA double-strand break repair. *J Radiat Res* 55(Suppl 1):i83-i84, 2014
11. Horiguchi H, Sato T, Kumada H, Yamamoto T, Sakae T. Estimation of relative biological effectiveness for boron neutron capture therapy using the PHITS code coupled with a microdosimetric kinetic model. *J Radiat Res* doi: 10.1093/jrr/rru109, 2014
12. Kanemoto A, Hirayama R, Moritake T, Furusawa Y, Sun L, Sakae T, Kuno A, Terunuma T, Yasuoka K, Mori Y, Tsuboi K, Sakurai H. RBE and OER within the spread-out Bragg peak for proton beam

therapy: in vitro study at the Proton Medical Research Center at the University of Tsukuba. *J Radiat Res* 55(5):1028-1032, 2014

13. Kumada H, Matsumura A, Sakurai H, Sakae T, Yoshioka M, Kobayashi H, Matsumoto H, Kiyanagi Y, Shibata T, Nakashima H. Project for the development of the linac based NCT facility in University of Tsukuba. *Appl Radiat Isot* 88:211-215, 2014
14. Li P, Zhou L, Liu X, Jin X, Zhao T, Ye F, Liu X, Hirayama R, Li Q. Mitotic DNA damages induced by carbon-ion radiation incur additional chromosomal breaks in polyploidy. *Toxicol Lett* 230(1):36-47, 2014
15. Li W, Huang P, Chen DJ, Gerweck LE. Determinates of tumor response to radiation: tumor cells, tumor stroma and permanent local control. *Radiother Oncol* 113(1):146-149, 2014
16. Lin YF, Nagasawa H, Little JB, Kato TA, Shih HY, Xie XJ, Wilson PF, Jr., Brogan JR, Kurimasa A, Chen DJ, Bedford JS, Chen BP. Differential radiosensitivity phenotypes of DNA-PKcs mutations affecting NHEJ and HRR systems following irradiation with gamma-rays or very low fluences of alpha particles. *PLoS One* 9(4):e93579, 2014
17. Mizumoto M, Oshiro Y, Okumura T, Fukuda K, Fukumitsu N, Abei M, Ishikawa H, Ohnishi K, Numajiri H, Tsuboi K, Sakurai H. Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. *Radiother Oncol* 113(1):54-59, 2014
18. Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol* doi: 10.1016/j.prro.2014.03.012, 2014
19. Mohanty C, Zielinska-Chomej K, Edgren M, Hirayama R, Murakami T, Lind B, Toma-Dasu I. Predicting the sensitivity to ion therapy based on the response to photon irradiation--experimental evidence and mathematical modelling. *Anticancer Res* 34(6):2801-2806, 2014
20. Nakano T, Mitsusada Y, Salem AM, Shoulkamy MI, Sugimoto T, Hirayama R, Uzawa A, Furusawa Y, Ide H. Induction of DNA-protein cross-links by ionizing radiation and their elimination from the genome. *Mutat Res* doi: 10.1016/j.mrfmmm.2014.12.003, 2014
21. Ohara M, Funyu Y, Ebara S, Sakamoto Y, Seki R, Iijima K, Ohishi A, Kobayashi J, Komatsu K, Tachibana A, Tauchi H. Mutations in the FHA-domain of ectopically expressed NBS1 lead to radiosensitization and to no increase in somatic mutation rates via a partial suppression of homologous recombination. *J Radiat Res* 55(4):690-698, 2014
22. Ohkawa A, Mizumoto M, Ishikawa H, Abei M, Fukuda K, Hashimoto T, Sakae T, Tsuboi K, Okumura T, Sakurai H. Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. *J Gastroenterol Hepatol* doi: 10.1111/jgh.12843, 2014

23. Ohno T, Oshiro Y, Mizumoto M, Numajiri H, Ishikawa H, Okumura T, Terunuma T, Sakae T, Sakurai H. Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer. *J Radiat Res* doi: 10.1093/jrr/rru082, 2014
24. Oshiro Y, Okumura T, Kurishima K, Homma S, Mizumoto M, Ishikawa H, Onizuka M, Sakai M, Goto Y, Hizawa N, Sato Y, Sakurai H. High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. *J Radiat Res* 55(5):959-965, 2014
25. Puente BN, Kimura W, Muralidhar SA, Moon J, Amatruda JF, Phelps KL, Grinsfelder D, Rothermel BA, Chen R, Garcia JA, Santos CX, Thet S, Mori E, Kinter MT, Rindler PM, Zacchigna S, Mukherjee S, Chen DJ, Mahmoud AI, Giacca M, Rabinovitch PS, Aroumougame A, Shah AM, Szweda LI, Sadek HA. The oxygen-rich postnatal environment induces cardiomyocyte cell-cycle arrest through DNA damage response. *Cell* 157(3):565-579, 2014
26. Su F, Mukherjee S, Yang Y, Mori E, Bhattacharya S, Kobayashi J, Yannone SM, Chen DJ, Asaithamby A. Nonenzymatic role for WRN in preserving nascent DNA strands after replication stress. *Cell Rep* 9(4):1387-1401, 2014
27. Sugawara K, Mizumoto M, Numajiri H, Ohno T, Ohnishi K, Ishikawa H, Okumura T, Sakurai H. Proton beam therapy for a patient with a giant thymic carcinoid tumor and severe superior vena cava syndrome. *Rare Tumors* 6(2):5177, 2014
28. Sun L, Mizuno Y, Iwamoto M, Goto T, Koguchi Y, Miyamoto Y, Tsuboi K, Chida K, Moritake T. Direct measurement of a patient's entrance skin dose during pediatric cardiac catheterization. *J Radiat Res* 55(6):1122-1130, 2014
29. Takada K, Kumada H, Isobe T, Terunuma T, Kamizawa S, Sakurai H, Sakae T, Matsumura A. WHOLE-BODY DOSE EVALUATION WITH AN ADAPTIVE TREATMENT PLANNING SYSTEM FOR BORON NEUTRON CAPTURE THERAPY. *Radiat Prot Dosimetry* doi: 10.1093/rpd/ncu357, 2014
30. Wu CS, Ouyang J, Mori E, Nguyen HD, Marechal A, Hallet A, Chen DJ, Zou L. SUMOylation of ATRIP potentiates DNA damage signaling by boosting multiple protein interactions in the ATR pathway. *Genes Dev* 28(13):1472-1484, 2014
31. Xue L, Furusawa Y, Okayasu R, Miura M, Cui X, Liu C, Hirayama R, Matsumoto Y, Yajima H, Yu D. The complexity of DNA double strand break is a crucial factor for activating ATR signaling pathway for G2/M checkpoint regulation regardless of ATM function. *DNA Repair (Amst)* doi: 10.1016/j.dnarep.2014.11.004, 2014

## 2) 英文以外の論文

- 栗飯原輝人, 熊田博明, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斉志, 沼尻晴子, 田中圭

- 一, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 頭頸部がんに対するホウ素中性子捕捉療法の現状. 日本癌治療学会誌 49(3):2707, 2014
2. 栗飯原輝人, 和田哲郎, 石川仁, 大西かよ子, 田渕経司, 福光延吉, 奥村敏之, 原晃, 櫻井英幸. 当院における進行中・下咽頭癌における術前化学放射線療法に対する病理学的効果の検討. 頭頸部癌 40(2):226, 2014
3. 栗飯原輝人, 和田哲郎, 石川仁, 福光延吉, 奥村敏之, 大西かよ子, 水本斉志, 沼尻晴子, 熊田博明, 平塚純一, 原晃, 櫻井英幸. 頭頸部進行がん新鮮例に対する新規粒子線治療の可能性 硼素中性子捕捉療法に対する筑波大学の取り組みと今後の展望. 茨城県立病院医学雑誌 30(2):28, 2014
4. 飯島淳也, 山縣憲司, 後藤卓也, 伊藤寛之, 長谷川正午, 柳川徹, 武川寛樹, 石川仁, 櫻井英幸, 寺邊健人. 上顎に生じたエナメル上皮癌の1例. 千葉医学雑誌 90(6):237, 2014
5. 石川仁, 大西かよ子, 奥村敏之, 大城佳子, 水本斉志, 櫻井英幸. 肺がんに対する高精度放射線治療の標準化に向けて 粒子線治療. 肺癌 54(5):281, 2014
6. 石川仁, 奥村敏之, 水本斉志, 大西かよ子, 菅原香織, 牧島弘和, 大野豊然貴, 森脇俊和, 兵頭一之介, 久倉勝治, 田村孝史, 寺島秀人, 大河内信弘, 橋本孝之, 櫻井英幸. 食道がん治療戦略の Up to Date 食道癌の化学放射線療法と陽子線治療の役割. 日本癌治療学会誌 49(3):770, 2014
7. 大西かよ子, 栗飯原輝人, 石川仁, 和田哲郎, 水本斉志, 沼尻晴子, 福光延吉, 奥村敏之, 原晃, 櫻井英幸. 中・下咽頭癌の放射線治療成績. 頭頸部癌 40(2):258, 2014
8. 大西かよ子, 奥村敏之, 石川仁, 大城佳子, 櫻井英幸. 体幹部定位照射における肺線量の陽子線とX線の比較. 肺癌 54(5):548, 2014
9. 加藤弘之, 河村英将, 村田和俊, 神沼拓也, 石川仁, 松井博, 伊藤一人, 鈴木和浩, 大野達也, 中野隆史. 重粒子線単独治療を行った前立腺癌症例における治療後1年間のPSA値の変化. 泌尿器外科 27(8):1361-1363, 2014
10. 加沼玲子, 栗飯原輝人, 水元斉志, 渡辺正人, 大西かよ子, 石川仁, 櫻井英幸. 直腸癌治療後口腔内転移に対し放射線治療を施行した男性の一症例. 頭頸部癌 40(2):159, 2014
11. 川原正寛, 河村英将, 加藤弘之, 村田和俊, 久保亘輝, 神沼拓也, 石川仁, 松井博, 伊藤一人, 鈴木和浩, 大野達也, 中野隆史. 重粒子線単独治療を行った前立腺癌症例における治療後1年間のPSA値の変化. 日本癌治療学会誌 49(3):2255, 2014
12. 櫻井英幸, 石川仁, 福光延吉, 栗飯原輝人, 大西かよ子, 水本斉志, 室伏景子, 沼尻晴子, 大城佳子, 林靖孝, 奥村敏之, 榮武二, 坪井康次. 【外科切除適応の境界領域-Borderline resectable cancerへの対応】 診断/術前療法 難治性腫瘍における術前(化学)放射線治療の意義 外科をサポートするための周術期放射線治療を目指して. 臨床外科 69(12):1310-1314, 2014
13. 櫻井英幸, 沼尻晴子, 室伏景子, 大川綾子, 水本斉志, 大西かよ子, 栗飯原輝人, 福光延吉, 石川仁, 奥村敏之. 婦人科がん放射線治療の最新知見 陽子線治療の概要と婦人科腫瘍への応用. 日本婦人科腫瘍学会雑誌 32(3):399, 2014

14. 田中圭一, 粟飯原輝人, 熊田博明, 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本齊志, 沼尻晴子, 和田哲郎, 原晃, 研田猛真, 鈴木実, 櫻井英幸. 筑波大学における BNCT 臨床研究再開計画について. 頭頸部癌 40(2):225, 2014
15. 沼尻晴子, 室伏景子, 大西かよ子, 水本齊志, 福光延吉, 粟飯原輝人, 石川仁, 奥村敏之, 櫻井英幸. 【肝がん患者の治療とケア】 肝がんの治療法を知る 肝細胞がんの陽子線治療. がん看護 19(6):568-570, 2014
16. 平山亮一. 【放射線生物関連特集】 重粒子線における酸素効果とそのメカニズム. 医学物理 34(2):65-69, 2014
17. 福光延吉, 奥村敏之, 石川仁, 大西かよ子, 水本齊志, 沼尻晴子, 坪井康次, 櫻井英幸. 【肝がん: 診断と治療の進歩】 治療法の進歩 肝がんの放射線治療. 日本国内科学会雑誌 103(1):116-122, 2014

## 肺高血圧症・肺循環障害

### 1) 英文論文

1. Akter S, Jesmin S, Iwashima Y, Hideaki S, Rahman MA, Islam MM, Moroi M, Shimojo N, Yamaguchi N, Miyauchi T, Kawano S, Mizutani T, Kawano Y. Higher circulatory level of endothelin-1 in hypertensive subjects screened through a cross-sectional study of rural Bangladeshi women. *Hypertens Res* doi:10.1038/hr.2014.160, 2014
2. Hagiwara S, Tsuboi H, Hagiya C, Yokosawa M, Hirota T, Ebe H, Takahashi H, Ogishima H, Asashima H, Kondo Y, Umeda N, Suzuki T, Hitomi S, Matsumoto I, Sumida T. Pulmonary nocardiosis in patients with connective tissue disease: A report of two cases. *Intractable Rare Dis Res* 3(1):25-28, 2014
3. Homma S, Kimura T, Sakai S, Yanagi K, Miyauchi Y, Aonuma K, Miyauchi T. Calcitonin gene-related peptide protects the myocardium from ischemia induced by endothelin-1: intravital microscopic observation and (31)P-MR spectroscopic studies. *Life Sci* 118(2):248-254, 2014
4. Iizuka M, Tsuboi H, Matsuo N, Asashima H, Hirota T, Kondo Y, Iwakura Y, Takahashi S, Matsumoto I, Sumida T. A crucial role of RORgammat in the development of spontaneous Sialadenitis-like Sjogren's syndrome. *J Immunol* doi: 10.4049/jimmunol.1401118, 2014
5. Jesmin S, Shimojo N, Yamaguchi N, Mowa CN, Oki M, Zaedi S, Sultana SN, Rahman A, Islam M, Sawamura A, Gando S, Kawano S, Miyauchi T, Mizutani T. Effects of protease activated receptor (PAR)2 blocking peptide on endothelin-1 levels in kidney tissues in endotoxemic rat mode. *Life Sci* 102(2):127-133, 2014
6. Machino-Ohtsuka T, Tajiri K, Kimura T, Sakai S, Sato A, Yoshida T, Hiroe M, Yasutomi Y, Aonuma K, Imanaka-Yoshida K. Tenascin-C aggravates autoimmune myocarditis via dendritic cell activation and Th17 cell differentiation. *J Am Heart Assoc* 3(6):e001052, 2014
7. Miyauchi Y, Jesmin S, Sakai S, Kamiyama J, Shimojo N, Rahman A, Islam M, Zaedi S, Maeda S, Maruyama H, Mizutani T, Homma S, Aonuma K, Miyauchi T. Effects of selective endothelin (ET)-A receptor antagonist versus dual ET-A/B receptor antagonist on hearts of streptozotocin-treated diabetic rats. *Life Sci* 111(1-2):6-11, 2014
8. Murakoshi N, Xu D, Sairenchi T, Igarashi M, Irie F, Tomizawa T, Tada H, Sekiguchi Y, Yamagishi K, Iso H, Yamaguchi I, Ota H, Aonuma K. Prognostic impact of supraventricular premature complexes in community-based health checkups: the Ibaraki Prefectural Health Study. *Eur Heart J* doi: 10.1093/euroheartj/ehu407, 2014
9. Oki M, Jesmin S, Islam MM, Mowa CN, Khatun T, Shimojo N, Sakuramoto H, Kamiyama J, Kawano S, Miyauchi T, Mizutani T. Dual blockade of endothelin action exacerbates up-regulated VEGF angiogenic signaling in the heart of lipopolysaccharide-induced endotoxemic rat model. *Life Sci* 118(2):364-369, 2014

10. Sakai S, Shimojo N, Kimura T, Tajiri K, Maruyama H, Homma S, Kuga K, Mizutani T, Aonuma K, Miyauchi T. Involvement of peptidyl-prolyl isomerase Pin1 in the inhibitory effect of fluvastatin on endothelin-1-induced cardiomyocyte hypertrophy. *Life Sci* 102(2):98-104, 2014
11. Segawa S, Goto D, Horikoshi M, Kondo Y, Umeda N, Hagiwara S, Yokosawa M, Hirota T, Miki H, Tsuboi H, Ogishima H, Suzuki T, Matsumoto I, Sumida T. Involvement of CD161+ Vdelta1+ gammadelta T cells in systemic sclerosis: association with interstitial pneumonia. *Rheumatology (Oxford)* 53(12):2259-2269, 2014
12. Shimojo N, Jesmin S, Sakai S, Maeda S, Miyauchi T, Mizutani T, Aonuma K, Kawano S. Fish oil constituent eicosapentaenoic acid inhibits endothelin-induced cardiomyocyte hypertrophy via PPAR-alpha. *Life Sci* 118(2):173-178, 2014
13. Tajiri K, Sakai S, Kimura T, Machino-Ohtsuka T, Murakoshi N, Xu D, Wang Z, Sato A, Miyauchi T, Aonuma K. Endothelin receptor antagonist exacerbates autoimmune myocarditis in mice. *Life Sci* 118(2):288-296, 2014
14. Tanahashi K, Akazawa N, Miyaki A, Choi Y, Ra SG, Matsubara T, Kumagai H, Oikawa S, Miyauchi T, Maeda S. Plasma ADMA concentrations associate with aerobic fitness in postmenopausal women. *Life Sci* 108(1):30-33, 2014
15. Toyama M, Watanabe S, Miyauchi T, Kuroda Y, Ojima E, Sato A, Seo Y, Aonuma K. Diabetes and obesity are significant risk factors for morning hypertension: from Ibaraki Hypertension Assessment Trial (I-HAT). *Life Sci* 104(1-2):32-37, 2014

## 脊髄脊椎疾患

### 1) 英文論文

1. Tsuda K, Akutsu H, Yamamoto T, Nakai K, Ishikawa E, Matsumura A. Is Simpson grade I removal necessary in all cases of spinal meningioma? Assessment of postoperative recurrence during long-term follow-up. *Neurol Med Chir (Tokyo)* 54(11):907-913, 2014

### 2) 英文以外の論文

1. 中井啓, 松村明. 脳神経外科リハビリテーションにおけるロボティクス技術の応用. *Neurological Surgery* 42(7):605-613, 2014
2. 丸山剛, 江口清, 石川公久, 丸島愛樹, 上野友之, 川口孝泰, 鶴嶋英夫, 谷澤伸次, 高梨典子, 卯野木健, 荒木大地, 吉岡友和, 中井啓, 酒巻真由子, 伊藤由美子, 池田一郎, 河上日出生, 松村明. 車いす一体型ベッドによる離床支援の試み. *The Japanese Journal of Rehabilitation Medicine* 51(Suppl.):S449, 2014

## 気候変動と健康

### 1) 英文論文

1. Chen BY, Jasmine Chao H, Wu CF, Kim H, Honda Y, Guo YL. High ambient Cladosporium spores were associated with reduced lung function in schoolchildren in a longitudinal study. *Sci Total Environ* 481:370-376, 2014
2. Chen R, Cai J, Meng X, Kim H, Honda Y, Guo YL, Samoli E, Yang X, Kan H. Ozone and daily mortality rate in 21 cities of East Asia: how does season modify the association? *Am J Epidemiol* 180(7):729-736, 2014
3. Fujii N, Honda Y, Komura K, Tsuji B, Sugihara A, Watanabe K, Kondo N, Nishiyasu T. Effect of voluntary hypocapnic hyperventilation on the relationship between core temperature and heat loss responses in exercising humans. *J Appl Physiol (1985)* 117(11):1317-1324, 2014
4. Guo Y, Gasparrini A, Armstrong B, Li S, Tawatsupa B, Tobias A, Lavigne E, de Sousa Zanotti Staglorio Coelho M, Leone M, Pan X, Tong S, Tian L, Kim H, Hashizume M, Honda Y, Guo YL, Wu CF, Punnasiri K, Yi SM, Michelozzi P, Saldiva PH, Williams G. Global variation in the effects of ambient temperature on mortality: a systematic evaluation. *Epidemiology* 25(6):781-789, 2014
5. Higashi T, Kambayashi Y, Ohkura N, Fujimura M, Nakai S, Honda Y, Saijoh K, Hayakawa K, Kobayashi F, Michigami Y, Olando EA, Hitomi Y, Nakamura H. Factors associated with seasonal influenza vaccine uptake among children in Japan. *Atmospheric Environment* 92:506-523, 2014
6. Ishida H, Kobayashi S, Kanae S, Hasegawa T, Fujimori S, Shin Y, Takahashi K, Masui T, Tanaka A, Honda Y. Global-scale projection and its sensitivity analysis of the health burden attributable to childhood undernutrition under the latest scenario framework for climate change research. *Environmental Research Letters* 9(6): 064014, 2014
7. Kayaba M, Ihara T, Kusaka H, Iizuka S, Miyamoto K, Honda Y. Association between sleep and residential environments in the summertime in Japan. *Sleep Med* 15(5):556-564, 2014
8. Kayaba M, Kondo M, Honda Y. Characteristics of elderly people living in non-air-conditioned homes. *Environ Health Prev Med* doi: 10.1007/s12199-014-0426-2, 2014
9. Lee H, Honda Y, Lim YH, Guo YL, Hashizume M, Kim H. Effect of Asian dust storms on mortality in three Asian cities. *Atmospheric Environment* 89:95-104, 2014
10. McIver L, Hashizume M, Kim H, Honda Y, Pretrick M, Iddings S, Pavlin B. Assessment of Climate-sensitive Infectious Diseases in the Federated States of Micronesia. *Tropical Medicine and Health* 43(1):29-40, 2014
11. Woodward A, Smith KR, Campbell-Lendrum D, Chadee DD, Honda Y, Liu Q, Olwoch J, Revich B, Sauerborn R, Chafe Z, Confalonieri U, Haines A. Climate change and health: on the latest IPCC report. *Lancet* 383(9924):1185-1189, 2014

## 2) 英文以外の論文

1. 緒方剛, 中村好一, 圓藤吟史, 林朝茂, 本田靖. 飲用井戸水のジフェニルアルシン酸曝露後の自覚症状と流産. 日本公衆衛生雑誌 61(9):556-564, 2014
2. 本田靖, 中井里史, 小野雅司, 田村憲治, 新田裕史, 上田佳代. 東アジア・東南アジアの大気汚染による健康影響の評価 エアロゾル研究 29(S1):s183-s189, 2014
3. 水口恵美子, 中澤浩一, 萱場桃子, 近藤正英, 本田靖. 夏季における高齢者の冷房装置使用の調査:2010-2011 の比較. 日本生気象学会雑誌 51(1):9-21, 2014

## 3) 英文著書

1. Honda Y, Kondo M, McGregor G, Kim H, Guo YL, Hales S, Kovats S. 2. Heat-related mortality; in "Quantitative risk assessment of the effects of climate change on selected causes of death, 2030s and 2050s (1st edition)" (edited by Hales S, Kovats S, Lloyd S, Campbell-Lendrum D), World Health Organization (Genava) 2014; pp17-25
2. Honda Y, Oki T, Kanae S, Butler CD. 6. Climate Extremes, Disasters and Health; in "Climate Change and Global Health (1st edition)" (edited by Butler C), CABI Publishing (Oxford) 2014; pp54-64
3. Smith KR, Woodward A, Campbell-Lendrum D, Chadee DD, Honda Y, Liu Q, Olwoch JM, Revich B, Sauerborn R. 2. Human Health: Impacts, Adaptation, and Co-Benefits; in "Climate Change 2014 - Impacts, Adaptation and Vulnerability: Part A: Global and Sectoral Aspects: Volume 1, Global and Sectoral Aspects: Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (1st edition)" (edited by Field CB, Barros VR, Dokken DJ, Mach KJ, Mastrandrea MD, Bilir TE, Chatterjee M, Ebi K L, Estrada YO, Genova RC, Girma B, Kissel ES, Levy AN, MacCracken S, Mastrandrea PR, White LL), Cambridge University Press (Cambridge, UK and New York, USA) 2014; pp709-754