

<リサーチユニット・リサーチグループ>

感染生物学

a) 英文論文

1. Kato SI, Nagata K, Takeuchi K. Cell tropism and pathogenesis of measles virus in monkeys. **Front Microbiol** 3:14, 2012
2. Kawaguchi A, Matsumoto K, Nagata K. YB-1 functions as a porter to lead influenza virus ribonucleoprotein complexes to microtubules. **J Virol** 86(20):11086-11095, 2012
3. Kawamura M, Kusano A, Furuya A, Hanai N, Tanigaki H, Tomita A, Horiguchi A, Nagata K, Itazawa T, Adachi Y, Okabe Y, Miyawaki T, Kohno H. New sandwich-type enzyme-linked immunosorbent assay for human MxA protein in a whole blood using monoclonal antibodies against GTP-binding domain for recognition of viral infection. **J Clin Lab Anal** 26(3):174-183, 2012
4. Komatsu T, Nagata K. Replication-uncoupled histone deposition during adenovirus DNA replication. **J Virol** 86(12):6701-6711, 2012
5. Morikawa K, Takemura AJ, Inose Y, Tsai M, Nguyen Thi le T, Ohta T, Msadek T. Expression of a cryptic secondary sigma factor gene unveils natural competence for DNA transformation in *Staphylococcus aureus*. **PLoS Pathog** 8(11):e1003003, 2012
6. Ohniwa RL, Kitabayashi K, Morikawa K. Alternative cardiolipin synthase Cls1 compensates for stalled Cls2 function in *Staphylococcus aureus* under conditions of acute acid stress. **FEMS Microbiol Lett** doi: 10.1111/1574-6968.12037., 2012
7. Okuwaki M, Sumi A, Hisaoka M, Saotome-Nakamura A, Akashi S, Nishimura Y, Nagata K. Function of homo- and hetero-oligomers of human nucleoplasmin/nucleophosmin family proteins NPM1, NPM2 and NPM3 during sperm chromatin remodeling. **Nucleic Acids Res** 40(11):4861-4878, 2012
8. Onomoto K, Jogi M, Yoo JS, Narita R, Morimoto S, Takemura A, Sambhara S, Kawaguchi A, Osari S, Nagata K, Matsumiya T, Namiki H, Yoneyama M, Fujita T. Critical role of an antiviral stress granule containing RIG-I and PKR in viral detection and innate immunity. **PLoS One** 7(8):e43031, 2012
9. Samad MA, Komatsu T, Okuwaki M, Nagata K. B23/nucleophosmin is involved in regulation of adenovirus chromatin structure at late infection stages, but not in virus replication and transcription. **J Gen Virol** 93(Pt 6):1328-1338, 2012
10. Takeuchi K, Nagata N, Kato SI, Ami Y, Suzaki Y, Suzuki T, Sato Y, Tsunetsugu-Yokota Y, Mori K, Van Nguyen N, Kimura H, Nagata K. Wild-type measles virus with the hemagglutinin protein of the edmonston vaccine strain retains wild-type tropism in macaques. **J Virol** 86(6):3027-3037, 2012

神経分子病態解析学

a) 英文論文

1. Egawa N, Kitaoka S, Tsukita K, Naitoh M, Takahashi K, Yamamoto T, Adachi F, Kondo T, Okita K, Asaka I, Aoi T, Watanabe A, Yamada Y, Morizane A, Takahashi J, Ayaki T, Ito H, Yoshikawa K, Yamawaki S, Suzuki S, Watanabe D, Hioki H, Kaneko T, Makioka K, Okamoto K, Takuma H, Tamaoka A, Hasegawa K, Nonaka T, Hasegawa M, Kawata A, Yoshida M, Nakahata T, Takahashi R, Marchetto MC, Gage FH, Yamanaka S, Inoue H. Drug screening for ALS using patient-specific induced pluripotent stem cells. *Sci Transl Med* 4(145):145ra104, 2012
2. Hosaka A, Araki W, Oda A, Tomidokoro Y, Tamaoka A. Statins reduce amyloid β -peptide production by modulating amyloid precursor protein maturation and phosphorylation through a cholesterol-independent mechanism in cultured neurons. *Neurochem Res* doi: 10.1007/s11064-012-0956-1., 2012
3. Hosaka A, Takuma H, Ohta K, Tamaoka A. An ocular form of myasthenia gravis with a high titer of anti-MuSK antibodies during a long-term follow-up. *Intern Med* 51(21):3077-3079, 2012
4. Ishii A, Ohkoshi N, Tamaoka A. The effect of water-soluble fullerene in muscle regeneration process of experimental murine skeletal muscle. *Neuromuscular Disorders* 22:905-906, 2012
5. Ishii A, Okada H, Hayashita-Kinou H, Okada T, Takeda S. rAAV8/9-mediated muscle transduction with tacrolimus in non-human primate. *Molecular Therapy* 20:S203-S204, 2012
6. Ishii K, Shioya A, Fukuda K, Mori K, Tamaoka A. Acquired hepatocerebral degeneration with middle cerebellar peduncles lesions: case report and review of the literature. *Clin Neurol Neurosurg* 114(10):1361-1364, 2012
7. Motoki K, Kume H, Oda A, Tamaoka A, Hosaka A, Kametani F, Araki W. Neuronal β -amyloid generation is independent of lipid raft association of β -secretase BACE1: analysis with a palmitoylation-deficient mutant. *Brain Behav* 2(3):270-282, 2012
8. Nakamagoe K, Mamada N, Shiigai M, Shimizu K, Koganezawa T, Tamaoka A. Recurrent isolated abducens nerve paresis associated with persistent trigeminal artery variant. *Intern Med* 51(16):2213-2216, 2012
9. Nakamagoe K, Shimizu K, Koganezawa T, Tamaoka A. Downbeat nystagmus due to a paramedian medullary lesion. *J Clin Neurosci* 19(11):1597-1599, 2012
10. Tanaka N, Saitou H, Takao T, Iizuka N, Okuno J, Yano H, Tamaoka A, Yanagi H. Effects of gait rehabilitation with a footpad-type locomotion interface in patients with chronic post-stroke hemiparesis: a pilot study. *Clin Rehabil* 26(8):686-695, 2012
11. Tsuji H, Arai T, Kametani F, Nonaka T, Yamashita M, Suzukake M, Hosokawa M, Yoshida M, Hatsuta H, Takao M, Saito Y, Murayama S, Akiyama H, Hasegawa M, Mann DM, Tamaoka A. Molecular analysis and biochemical classification of TDP-43 proteinopathy. *Brain* 135(Pt 11):3380-3391, 2012
12. Tsuji H, Nonaka T, Yamashita M, Masuda-Suzukake M, Kametani F, Akiyama H, Mann DM, Tamaoka A, Hasegawa M. Epitope mapping of antibodies against TDP-43 and detection of

- protease-resistant fragments of pathological TDP-43 in amyotrophic lateral sclerosis and frontotemporal lobar degeneration. *Biochem Biophys Res Commun* 417(1):116-121, 2012
13. Watanabe M, Tamaoka A, Morishita Y, Noguchi M. Cilnidipine lowers plasma leptin of patients with obese hypertension associated with cerebrovascular disorder. *Open Access Scientific Reports* 1:529, 2012

b)英文以外の論文

1. 石井一弘, 玉岡晃. ガランタミンの長期有効例-約3年半にわたり認知機能が維持された1例. *Cognition and Dementia* 11(1):67-71, 2012
2. 岩崎信明, 石井一弘. 有機ヒ素(22)(DPAA中毒を含めて). *小児科臨床* 65:1495-1500, 2012
3. 中馬越清隆. 特集 垂直性眼球運動:有機ヒ素中毒における垂直眼球運動異常について. *神経眼科* 29(1):41-52, 2012

d)英文以外の著書

1. 玉岡晃. 第8章. アミロイドβ蛋白に対する治療法があると聞きましたが、どのような薬剤があるのでしょうか?; "認知症診療Q&A92" (編集 中島健二, 和田健二), 中外医学社 (東京) 2012; pp297-300
2. 玉岡晃. 第J章. Alzheimer病; "イヤートTOPICS 2012-2013内科・外科疾患 (第2版)" (編集 岡庭豊, 荒瀬康司, 三角和雄), MEDIC MEDIA (東京) 2012; pp266-268
3. 玉岡晃. 第13章. アルツハイマー病・認知症; "病気と薬 パーフェクトBOOK2012" (監修・編集 横田千津子, 池田宇一, 大越教夫), 南山堂 (東京) 2012; pp778-785
4. 玉岡晃. 第1章. 周辺症状; "認知症 神経心理学的アプローチ" (総編集 辻省次, 専門編集 河村満), 中山書店 (東京) 2012; pp11-14
5. 玉岡晃. 第21章. 神経疾患に対する抗体療法 -アルツハイマー病における免疫療法-; "別冊・医学のあゆみ 抗体医療Update-開発コンセプトから最新治療実績まで-" (編集 中山俊憲, 中島裕史), 医歯薬出版株式会社 (東京) 2012; pp130-135
6. 玉岡晃. 第8章. 脳脊髄液中のアミロイドβ蛋白やタウ蛋白を測定することがあると聞きましたが、どのような意義があるのでしょうか?; "認知症診療Q&A92 (第2版)" (編集 中島健二, 和田健二), 中外医学社 (東京) 2012; pp294-296
7. 渡邊雅彦. 高血圧性脳症; "医学と薬学 68巻 第2号 8月号" (編集 石倉満), 自然科学社 (東京) 2012; pp211-215
8. 渡邊雅彦. 第13章. 二次性頭痛 secondary headache; "病気と薬パーフェクトBOOK 2012 (薬局増刊号63(4))" (編集・監修 横田千津子, 池田宇一, 大越教夫, 編集 山田勝士), 南山堂 (東京) 2012; pp799-804

難治性免疫疾患・アレルギー

a) 英文論文

1. Adachi N, Numakawa T, Kumamaru E, Itami C, Chiba S, Iijima Y, Richards M, Katoh-Semba R, Kunugi H. Phencyclidine-induced decrease of synaptic connectivity via inhibition of BDNF secretion in cultured cortical neurons. *Cereb Cortex* doi: 10.1093/cercor/bhs074., 2012
2. Anami A, Fukushima K, Takasaki Y, Sumida T, Waguri M, Wake N, Murashima A. The predictive value of anti-SS-A antibodies titration in pregnant women with fetal congenital heart block. *Mod Rheumatol* doi: 10.1007/s10165-012-0704-z., 2012
3. Avci HX, Lebrun C, Wehrle R, Doulazmi M, Chatonnet F, Morel MP, Ema M, Vodjdani G, Sotelo C, Flamant F, Dusart I. Thyroid hormone triggers the developmental loss of axonal regenerative capacity via thyroid hormone receptor alpha1 and kruppel-like factor 9 in Purkinje cells. *Proc Natl Acad Sci U S A* 109(35):14206-14211, 2012
4. Fujita A, Yoh K, Shimohata H, Morito N, Ojima M, Okamura M, Takahashi S, Yamagata K. A novel diabetes mellitus mouse model, MAFA-deficient and beta cell-specific MAFK-overexpressing hybrid transgenic mice, developed severe diabetic nephropathy and improved with TCV-116 (candesartan cilexetil) treatment. *Exp Anim* 61(1):49-57, 2012
5. Fujita J, Kawaguchi M, Kokubu F, Ohara G, Ota K, Huang SK, Morishima Y, Ishii Y, Satoh H, Sakamoto T, Hizawa N. Interleukin-33 induces interleukin-17F in bronchial epithelial cells. *Allergy* 67(6):744-750, 2012
6. Furukawa H, Oka S, Shimada K, Rheumatoid Arthritis-Interstitial Lung Disease Study C, Tsuchiya N, Tohma S. HLA-A*31:01 and methotrexate-induced interstitial lung disease in Japanese rheumatoid arthritis patients: a multidrug hypersensitivity marker? *Ann Rheum Dis* doi: 10.1136/annrheumdis-2012-201944., 2012
7. Furukawa H, Oka S, Shimada K, Sugii S, Ohashi J, Matsui T, Ikenaka T, Nakayama H, Hashimoto A, Takaoka H, Arinuma Y, Okazaki Y, Futami H, Komiya A, Fukui N, Nakamura T, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. Association of human leukocyte antigen with interstitial lung disease in rheumatoid arthritis: a protective role for shared epitope. *PLoS One* 7(5):e33133, 2012
8. Furuya T, Koga M, Hikami K, Kawasaki A, Tsuchiya N. Effects of APRIL (TNFSF13) polymorphisms and splicing isoforms on the secretion of soluble APRIL. *Mod Rheumatol* 22(4):541-549, 2012
9. Hasebe N, Kawasaki A, Ito I, Kawamoto M, Hasegawa M, Fujimoto M, Furukawa H, Tohma S, Sumida T, Takehara K, Sato S, Kawaguchi Y, Tsuchiya N. Association of UBE2L3 polymorphisms with diffuse cutaneous systemic sclerosis in a Japanese population. *Ann Rheum Dis* 71(7):1259-1260, 2012
10. Hasegawa M, Asano Y, Endo H, Fujimoto M, Goto D, Ihn H, Inoue K, Ishikawa O, Kawaguchi Y, Kuwana M, Muro Y, Ogawa F, Sasaki T, Takahashi H, Tanaka S, Takehara K, Sato S. Investigation of prognostic factors for skin sclerosis and lung function in Japanese patients with

- early systemic sclerosis: a multicentre prospective observational study. *Rheumatology (Oxford)* 51(1):129-133, 2012
11. Hasegawa M, Asano Y, Endo H, Fujimoto M, Goto D, Ihn H, Inoue K, Ishikawa O, Kawaguchi Y, Kuwana M, Ogawa F, Takahashi H, Tanaka S, Sato S, Takehara K. Serum chemokine levels as prognostic markers in patients with early systemic sclerosis: a multicenter, prospective, observational study. *Mod Rheumatol* doi: 10.1007/s10165-012-0795-6., 2012
 12. Hashizume M, Yoshida H, Tanaka K, Suzuki M, Matsumoto I, Sumida T, Mihara M. Interleukin-6 regulates anti-arthritic effect of methotrexate via reduction of SLC19A1 expression in a mouse arthritis model. *Arthritis Res Ther* 14(2):R96, 2012
 13. Hattori T, Konno S, Shigemura M, Matsuno K, Shimizu C, Shigehara K, Shijubo N, Hizawa N, Yamaguchi E, Nishimura M. Total serum IgE levels and atopic status in patients with sarcoidosis. *Allergy Asthma Proc* 33(1):90-94, 2012
 14. Hijikata M, Shojima J, Matsushita I, Tokunaga K, Ohashi J, Hang NT, Horie T, Sakurada S, Hoang NP, Thuong PH, Lien LT, Keicho N. Association of IFNGR2 gene polymorphisms with pulmonary tuberculosis among the Vietnamese. *Hum Genet* 131(5):675-682, 2012
 15. Hirai Y, Iyoda M, Shibata T, Kuno Y, Kawaguchi M, Hizawa N, Matsumoto K, Wada Y, Kokubu F, Akizawa T. IL-17A stimulates granulocyte colony-stimulating factor production via ERK1/2 but not p38 or JNK in human renal proximal tubular epithelial cells. *Am J Physiol Renal Physiol* 302(2):F244-250, 2012
 16. Hirayasu K, Ohashi J, Kashiwase K, Hananantachai H, Naka I, Ogawa A, Takanashi M, Satake M, Nakajima K, Parham P, Arase H, Tokunaga K, Patarapotikul J, Yabe T. Significant association of KIR2DL3-HLA-C1 combination with cerebral malaria and implications for co-evolution of KIR and HLA. *PLoS Pathog* 8(3):e1002565, 2012
 17. Hirota T, Takahashi A, Kubo M, Tsunoda T, Tomita K, Sakashita M, Yamada T, Fujieda S, Tanaka S, Doi S, Miyatake A, Enomoto T, Nishiyama C, Nakano N, Maeda K, Okumura K, Ogawa H, Ikeda S, Noguchi E, Sakamoto T, Hizawa N, Ebe K, Saeki H, Sasaki T, Ebihara T, Amagai M, Takeuchi S, Furue M, Nakamura Y, Tamari M. Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. *Nat Genet* 44(11):1222-1226, 2012
 18. Hitomi Y, Adachi T, Tsuchiya N, Honda Z, Tokunaga K, Tsubata T. Human CD72 splicing isoform responsible for resistance to systemic lupus erythematosus regulates serum immunoglobulin level and is localized in endoplasmic reticulum. *BMC Immunol* 13:72, 2012
 19. Hizawa N. Associating serum biomarkers with genetic susceptibility to chronic obstructive pulmonary disease: a step towards improved diagnosis and therapy? *Am J Respir Crit Care Med* 186(12):1201-1202, 2012
 20. Hizawa N. The search for genetic links in NSAID-induced acute urticaria and the arachidonic acid pathway. *Clin Exp Allergy* 42(12):1660-1663, 2012
 21. Horikoshi M, Goto D, Segawa S, Yoshiga Y, Iwanami K, Inoue A, Tanaka Y, Matsumoto I, Sumida T. Activation of Invariant NKT cells with glycolipid ligand alpha-galactosylceramide

- ameliorates glucose-6-phosphate isomerase peptide-induced arthritis. *PLoS One* 7(12):e51215, 2012
22. Horiuchi Y, Iida S, Koga M, Ishiguro H, Iijima Y, Inada T, Watanabe Y, Someya T, Ujike H, Iwata N, Ozaki N, Kunugi H, Tochigi M, Itokawa M, Arai M, Niizato K, Iritani S, Kakita A, Takahashi H, Nawa H, Arinami T. Association of SNPs linked to increased expression of SLC1A1 with schizophrenia. *Am J Med Genet B Neuropsychiatr Genet* 159B(1):30-37, 2012
 23. Iijima H, Kaneko Y, Yamada H, Yatagai Y, Masuko H, Sakamoto T, Naito T, Hirota T, Tamari M, Konno S, Nishimura M, Noguchi E, Hizawa N. A distinct sensitization pattern associated with asthma and the thymic stromal lymphopoietin (TSLP) genotype. *Allergol Int* doi: 10.2332/allergolint.12-OA-0488., 2012
 24. Iizuka M, Tsuboi H, Matsuo N, Kondo Y, Asashima H, Matsui M, Matsumoto I, Sumida T. The crucial roles of IFN-gamma in the development of M3 muscarinic acetylcholine receptor induced Sjogren's syndrome-like sialadenitis. *Mod Rheumatol* doi: 10.1007/s10165-012-0785-8., 2012
 25. Inoue A, Matsumoto I, Tanaka Y, Umeda N, Tanaka Y, Mihara M, Takahashi S, Sumida T. Murine tumor necrosis factor alpha-induced adipose-related protein (tumor necrosis factor alpha-induced protein 9) deficiency leads to arthritis via interleukin-6 overproduction with enhanced NF- κ B, STAT-3 signaling, and dysregulated apoptosis of macrophages. *Arthritis Rheum* 64(12):3877-3885, 2012
 26. Ishiguro H, Hall FS, Horiuchi Y, Sakurai T, Hishimoto A, Grumet M, Uhl GR, Onaivi ES, Arinami T. NrCAM-regulating neural systems and addiction-related behaviors. *Addict Biol* doi: 10.1111/j.1369-1600.2012.00469.x., 2012
 27. Ishiguro N, Yamamoto K, Katayama K, Kondo M, Sumida T, Mimori T, Soen S, Nagai K, Yamaguchi T, Hara M, Igaratimod-Clinical Study G. Concomitant iguratimod therapy in patients with active rheumatoid arthritis despite stable doses of methotrexate: a randomized, double-blind, placebo-controlled trial. *Mod Rheumatol* doi: 10.1007/s10165-012-0724-8., 2012
 28. Japanese Archipelago Human Population Genetics C, Jinam T, Nishida N, Hirai M, Kawamura S, Oota H, Umetsu K, Kimura R, Ohashi J, Tajima A, Yamamoto T, Tanabe H, Mano S, Suto Y, Kaname T, Naritomi K, Yanagi K, Niikawa N, Omoto K, Tokunaga K, Saitou N. The history of human populations in the Japanese Archipelago inferred from genome-wide SNP data with a special reference to the Ainu and the Ryukyuan populations. *J Hum Genet* 57(12):787-795, 2012
 29. Kanashiki M, Tomizawa T, Yamaguchi I, Kurishima K, Hizawa N, Ishikawa H, Kagohashi K, Satoh H. Volume doubling time of lung cancers detected in a chest radiograph mass screening program: Comparison with CT screening. *Oncol Lett* 4(3):513-516, 2012
 30. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Hizawa N. The opposite effect of the CCL5 gene on asthma and baseline FEV(1) in nonasthmatic healthy adults. *Allergol Int* 61(1):177-178, 2012
 31. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Yatagai Y, Yamada H, Konno S, Nishimura M, Noguchi E, Hizawa N. Asthma phenotypes in Japanese adults - their associations with the CCL5 and ADRB2 genotypes. *Allergol Int* doi: 10.2332/allergolint.12-OA-0467., 2012

32. Kawasaki A, Furukawa H, Kondo Y, Ito S, Hayashi T, Kusaoi M, Matsumoto I, Tohma S, Takasaki Y, Hashimoto H, Sumida T, Tsuchiya N. Association of *PHRF1-IRF7* region polymorphism with clinical manifestations of systemic lupus erythematosus in a Japanese population. *Lupus* 21(8):890-895, 2012
33. Kawashima M, Ohashi J, Nishida N, Tokunaga K. Evolutionary analysis of classical *HLA* class I and II genes suggests that recent positive selection acted on DPB1*04:01 in Japanese population. *PLoS One* 7(10):e46806, 2012
34. Kondo Y, Iizuka M, Wakamatsu E, Yao Z, Tahara M, Tsuboi H, Sugihara M, Hayashi T, Yoh K, Takahashi S, Matsumoto I, Sumida T. Overexpression of T-bet gene regulates murine autoimmune arthritis. *Arthritis Rheum* 64(1):162-172, 2012
35. Konno S, Hizawa N, Fukutomi Y, Taniguchi M, Kawagishi Y, Okada C, Tanimoto Y, Takahashi K, Akasawa A, Akiyama K, Nishimura M. The prevalence of rhinitis and its association with smoking and obesity in a nationwide survey of Japanese adults. *Allergy* 67(5):653-660, 2012
36. Lebrun C, Avci HX, Wehrle R, Doulazmi M, Jaudon F, Morel MP, Rivals I, Ema M, Schmidt S, Sotelo C, Vodjdani G, Dusart I. Klf9 is necessary and sufficient for Purkinje cell survival in organotypic culture. *Mol Cell Neurosci* doi: 10.1016/j.mcn.2012.11.010., 2012
37. Matsumoto K, Azami T, Otsu A, Takase H, Ishitobi H, Tanaka J, Miwa Y, Takahashi S, Ema M. Study of normal and pathological blood vessel morphogenesis in Flt1-tdsRed BAC Tg mice. *Genesis* 50(7):561-571, 2012
38. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RG, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem* 287(12):9579-9590, 2012
39. Naka I, Hikami K, Nakayama K, Koga M, Nishida N, Kimura R, Furusawa T, Natsuhara K, Yamauchi T, Nakazawa M, Ataka Y, Ishida T, Inaoka T, Iwamoto S, Matsumura Y, Ohtsuka R, Tsuchiya N, Ohashi J. A functional SNP upstream of the beta-2 adrenergic receptor gene (ADRB2) is associated with obesity in Oceanic populations. *Int J Obes (Lond)* 37(9):1204-1210, 2012
40. Naka I, Ohashi J, Kimura R, Furusawa T, Yamauchi T, Nakazawa M, Natsuhara K, Ataka Y, Nishida N, Ishida T, Inaoka T, Matsumura Y, Ohtsuka R. DRD4 VNTR polymorphism in Oceanic populations. *Anthropol Sci* 12:151-155, 2012
41. Nakahashi-Oda C, Tahara-Hanaoka S, Honda S, Shibuya K, Shibuya A. Identification of phosphatidylserine as a ligand for the CD300a immunoreceptor. *Biochem Biophys Res Commun* 417(1):646-650, 2012
42. Nakahashi-Oda C, Tahara-Hanaoka S, Shoji M, Okoshi Y, Nakano-Yokomizo T, Ohkohchi N, Yasui T, Kikutani H, Honda S, Shibuya K, Nagata S, Shibuya A. Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. *J Exp Med* 209(8):1493-1503, 2012
43. Nakamura H, Satoh H, Kaburagi T, Nishimura Y, Shinohara Y, Inagaki M, Endo T, Saito T,

- Hayashihara K, Hizawa N, Kurishima K, Nawa T, Kagohashi K, Kishi K, Ishikawa H, Ichimura H, Hashimoto T, Sato Y, Sakai M, Kamiyama K, Matsumura T, Unoura K, Furukawa K. Bevacizumab-containing chemotherapy for non-small cell lung cancer patients: a population-based observational study by the Ibaraki thoracic integrative (POSITIVE) research group. *Med Oncol* 29(5):3202-3206, 2012
44. Nakazawa K, Kurishima K, Tamura T, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Specific organ metastases and survival in small cell lung cancer. *Oncol Lett* 4(4):617-620, 2012
 45. Nishizawa D, Fukuda K, Kasai S, Hasegawa J, Aoki Y, Nishi A, Saita N, Koukita Y, Nagashima M, Katoh R, Satoh Y, Tagami M, Higuchi S, Ujike H, Ozaki N, Inada T, Iwata N, Sora I, Iyo M, Kondo N, Won MJ, Naruse N, Uehara-Aoyama K, Itokawa M, Koga M, Arinami T, Kaneko Y, Hayashida M, Ikeda K. Genome-wide association study identifies a potent locus associated with human opioid sensitivity. *Mol Psychiatry* doi: 10.1038/mp.2012.164., 2012
 46. Ohara G, Kurishima K, Nakazawa K, Kawaguchi M, Kagohashi K, Ishikawa H, Hizawa N, Satoh H. Age-dependent decline in renal function in patients with lung cancer. *Oncol Lett* 4(1):38-42, 2012
 47. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Serum levels of cystatin C in elderly lung cancer patients. *Oncol Lett* 3(2):303-306, 2012
 48. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Safety creatinine clearance level for platinum chemotherapy in lung cancer patients. *Oncol Lett* 3(2):311-314, 2012
 49. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
 50. Oka S, Furukawa H, Kashiwase K, Tsuchiya N, Tohma S. Identification of a novel HLA allele, HLA-DQB1*06:51, in a Japanese rheumatoid arthritis patient. *Tissue Antigens* 80(4):386-387, 2012
 51. Okada Y, Shimane K, Kochi Y, Tahira T, Suzuki A, Higasa K, Takahashi A, Horita T, Atsumi T, Ishii T, Okamoto A, Fujio K, Hirakata M, Amano H, Kondo Y, Ito S, Takada K, Mimori A, Saito K, Kamachi M, Kawaguchi Y, Ikari K, Mohammed OW, Matsuda K, Terao C, Ohmura K, Myouzen K, Hosono N, Tsunoda T, Nishimoto N, Mimori T, Matsuda F, Tanaka Y, Sumida T, Yamanaka H, Takasaki Y, Koike T, Horiuchi T, Hayashi K, Kubo M, Kamatani N, Yamada R, Nakamura Y, Yamamoto K. A genome-wide association study identified AFF1 as a susceptibility locus for systemic lupus erythematosus in Japanese. *PLoS Genet* 8(1):e1002455, 2012
 52. Ono M, Hamada Y, Horiuchi Y, Matsuo-Takasaki M, Imoto Y, Satomi K, Arinami T, Hasegawa M, Fujioka T, Nakamura Y, Noguchi E. Generation of induced pluripotent stem cells from human nasal epithelial cells using a Sendai virus vector. *PLoS One* 7(8):e42855, 2012
 53. Onuma H, Tohyama M, Imagawa A, Hanafusa T, Kobayashi T, Kano Y, Ohashi J, Hashimoto K, Osawa H, Makino H, Japan Diabetes Society Committee on Type 1 Diabetes Mellitus R, Japanese Dermatological A. High frequency of HLA B62 in fulminant type 1 diabetes with the

- drug-induced hypersensitivity syndrome. *J Clin Endocrinol Metab* 97(12):E2277-2281, 2012
54. Saito M, Kamoda T, Nishimura K, Miyazono Y, Kanai Y, Kato Y, Iwabuchi A, Fukushima H, Hamada H, Arinami T, Sumazaki R, Noguchi E. Association of adiponectin polymorphism with cord blood adiponectin concentrations and intrauterine growth. *J Hum Genet* 57(2):109-114, 2012
 55. Sakai R, Komano Y, Tanaka M, Nanki T, Koike R, Nagasawa H, Amano K, Nakajima A, Atsumi T, Koike T, Ihata A, Ishigatsubo Y, Saito K, Tanaka Y, Ito S, Sumida T, Tohma S, Tamura N, Fujii T, Sugihara T, Kawakami A, Hagino N, Ueki Y, Hashiramoto A, Nagasaka K, Miyasaka N, Harigai M, Real Study G. Time-dependent increased risk for serious infection from continuous use of tumor necrosis factor antagonists over three years in patients with rheumatoid arthritis. *Arthritis Care Res (Hoboken)* 64(8):1125-1134, 2012
 56. Sakai R, Tanaka M, Nanki T, Watanabe K, Yamazaki H, Koike R, Nagasawa H, Amano K, Saito K, Tanaka Y, Ito S, Sumida T, Ihata A, Ishigatsubo Y, Atsumi T, Koike T, Nakajima A, Tamura N, Fujii T, Dobashi H, Tohma S, Sugihara T, Ueki Y, Hashiramoto A, Kawakami A, Hagino N, Miyasaka N, Harigai M, Group RS. Drug retention rates and relevant risk factors for drug discontinuation due to adverse events in rheumatoid arthritis patients receiving anticytokine therapy with different target molecules. *Ann Rheum Dis* 71(11):1820-1826, 2012
 57. Sano K, Katsuta O, Shirae S, Kubota Y, Ema M, Suda T, Nakamura M, Hirashima M. Flt1 and Flk1 mediate regulation of intraocular pressure and their double heterozygosity causes the buphthalmia in mice. *Biochem Biophys Res Commun* 420(2):422-427, 2012
 58. Sekiguchi Y, Owada J, Oishi H, Katsumata T, Ikeda K, Kudo T, Takahashi S. Noninvasive monitoring of beta-cell mass and fetal beta-cell genesis in mice using bioluminescence imaging. *Exp Anim* 61(4):445-451, 2012
 59. Sumida T, Iizuka M, Asashima H, Tsuboi H, Matsumoto I. Pathogenic role of anti-M3 muscarinic acetylcholine receptor immune response in Sjogren's syndrome. *Presse Med* 41(9 Pt 2):e461-466, 2012
 60. Sumida T, Tsuboi H, Iizuka M, Asashima H, Matsumoto I. Anti-M3 muscarinic acetylcholine receptor antibodies in patients with Sjogren's syndrome. *Mod Rheumatol* doi: 10.1007/s10165-012-0788-5., 2012
 61. Suzuki T, Horikoshi M, Sugihara M, Hirota T, Ogishima H, Umeda N, Kondo Y, Tsuboi H, Hayashi T, Chino Y, Matsumoto I, Sumida T. Therapeutic efficacy of tocilizumab in patients with rheumatoid arthritis refractory to anti-tumor-necrosis-factor inhibitors: 1 year follow-up with low-field extremity MRI. *Mod Rheumatol* doi: 10.1007/s10165-012-0746-2., 2012
 62. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
 63. Tanaka Y, Matsumoto I, Iwanami K, Inoue A, Minami R, Umeda N, Kanamori A, Ochiai N, Miyazawa K, Sugihara M, Hayashi T, Goto D, Ito S, Sumida T. Six-transmembrane epithelial antigen of prostate4 (STEAP4) is a tumor necrosis factor alpha-induced protein that regulates IL-6,

- IL-8, and cell proliferation in synovium from patients with rheumatoid arthritis. *Mod Rheumatol* 22(1):128-136, 2012
64. Tanaka Y, Matsumoto I, Iwanami K, Inoue A, Umeda N, Tanaka Y, Sugihara M, Hayashi T, Ito S, Sumida T. Six-transmembrane epithelial antigen of prostate 4 (STEAP4) is expressed on monocytes/neutrophils, and is regulated by TNF antagonist in patients with rheumatoid arthritis. *Clin Exp Rheumatol* 30(1):99-102, 2012
 65. Thomas G, Grunewald TG, Bach H, Cossarizza A, Matsumoto I. The STEAP protein family: versatile oxidoreductases and targets for cancer immunotherapy with overlapping and distinct cellular functions. *Biol Cell* 104(11):641-657, 2012
 66. Tojo M, Takebe A, Takahashi S, Tanaka K, Imamura T, Miyazono K, Chiba T. Smad7-deficient mice show growth retardation with reduced viability. *J Biochem* 151(6):621-631, 2012
 67. Tomita K, Sakashita M, Hirota T, Tanaka S, Masuyama K, Yamada T, Fujieda S, Miyatake A, Hizawa N, Kubo M, Nakamura Y, Tamari M. Variants in the 17q21 asthma susceptibility locus are associated with allergic rhinitis in the Japanese population. *Allergy* doi: 10.1111/all.12066., 2012
 68. Tsuboi H, Hagiwara S, Asashima H, Umehara H, Kawakami A, Nakamura H, Sano H, Tsubota K, Ogawa Y, Takamura E, Saito I, Inoue H, Nakamura S, Moriyama M, Takeuchi T, Tanaka Y, Hirata S, Mimori T, Matsumoto I, Sumida T. Validation of different sets of criteria for the diagnosis of Sjogren's syndrome in Japanese patients. *Mod Rheumatol* doi: 10.1007/s10165-012-0812-9., 2012
 69. Tsuboi H, Matsuo N, Iizuka M, Tsuzuki S, Kondo Y, Tanaka A, Moriyama M, Matsumoto I, Nakamura S, Sumida T. Analysis of IgG4 class switch-related molecules in IgG4-related disease. *Arthritis Res Ther* 14(4):R171, 2012
 70. Tsuboi H, Nakamura Y, Iizuka M, Matsuo N, Matsumoto I, Sumida T. Generation and functional analysis of monoclonal antibodies against the second extracellular loop of human M3 muscarinic acetylcholine receptor. *Mod Rheumatol* 22(2):264-271, 2012
 71. Tsuchiya N. Genetics of ANCA-associated vasculitis in Japan: a role for HLA-DRB1*09:01 haplotype. *Clin Exp Nephrol* doi: 10.1007/s10157-012-0691-6., 2012
 72. Uezato A, Kimura-Sato J, Yamamoto N, Iijima Y, Kunugi H, Nishikawa T. Further evidence for a male-selective genetic association of synapse-associated protein 97 (SAP97) gene with schizophrenia. *Behav Brain Funct* 8:2, 2012
 73. Umehara H, Okazaki K, Masaki Y, Kawano M, Yamamoto M, Saeki T, Matsui S, Sumida T, Mimori T, Tanaka Y, Tsubota K, Yoshino T, Kawa S, Suzuki R, Takegami T, Tomosugi N, Kurose N, Ishigaki Y, Azumi A, Kojima M, Nakamura S, Inoue D, Research Program for Intractable Disease by Ministry of Health L, Welfare Japan Gt. A novel clinical entity, IgG4-related disease (IgG4RD): general concept and details. *Mod Rheumatol* 22(1):1-14, 2012
 74. Umehara H, Okazaki K, Masaki Y, Kawano M, Yamamoto M, Saeki T, Matsui S, Yoshino T, Nakamura S, Kawa S, Hamano H, Kamisawa T, Shimosegawa T, Shimatsu A, Nakamura S, Ito T, Notohara K, Sumida T, Tanaka Y, Mimori T, Chiba T, Mishima M, Hibi T, Tsubouchi H, Inui K,

- Ohara H. Comprehensive diagnostic criteria for IgG4-related disease (IgG4-RD), 2011. *Mod Rheumatol* 22(1):21-30, 2012
75. Usui K, Honda S, Yoshizawa Y, Nakahashi-Oda C, Tahara-Hanaoka S, Shibuya K, Shibuya A. Isolation and characterization of naive follicular dendritic cells. *Mol Immunol* 50(3):172-176, 2012
 76. Watanabe Y, Egawa J, Iijima Y, Nunokawa A, Kaneko N, Shibuya M, Arinami T, Ujike H, Inada T, Iwata N, Tochigi M, Kunugi H, Itokawa M, Ozaki N, Hashimoto R, Someya T. A two-stage case-control association study between the tryptophan hydroxylase 2 (TPH2) gene and schizophrenia in a Japanese population. *Schizophr Res* 137(1-3):264-266, 2012
 77. Yamadori T, Ishii Y, Homma S, Morishima Y, Kurishima K, Itoh K, Yamamoto M, Minami Y, Noguchi M, Hizawa N. Molecular mechanisms for the regulation of Nrf2-mediated cell proliferation in non-small-cell lung cancers. *Oncogene* 31(45):4768-4777, 2012
 78. Yamaguchi T, Ito S, Takano Y, Umeda N, Goto M, Horikoshi M, Hayashi T, Goto D, Matsumoto I, Sumida T. A case of disseminated sporotrichosis treated with prednisolone, immunosuppressants, and tocilizumab under the diagnosis of rheumatoid arthritis. *Intern Med* 51(15):2035-2039, 2012
 79. Yoh K, Morito N, Ojima M, Shibuya K, Yamashita Y, Morishima Y, Ishii Y, Kusakabe M, Nishikii H, Fujita A, Matsunaga E, Okamura M, Hamada M, Suto A, Nakajima H, Shibuya A, Yamagata K, Takahashi S. Overexpression of ROR γ t under control of the CD2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. *Eur J Immunol* 42(8):1999-2009, 2012
 80. Yoshida M, Shiroya K, Mouri K, Ishiguro H, Supriyanto I, Ratta-Apha W, Eguchi N, Okazaki S, Sasada T, Fukutake M, Hashimoto T, Inada T, Arinami T, Shirakawa O, Hishimoto A. Haplotypes in the expression quantitative trait locus of interleukin-1 β gene are associated with schizophrenia. *Schizophr Res* 140(1-3):185-191, 2012

b) 英文以外の論文

1. 阿野哲士, 檜澤伸之. 【自己管理および在宅医療のための機器と治療法の発展】 気管支拡張薬およびステロイド薬の定量吸入器. 成人病と生活習慣病 42(4):386-391, 2012
2. 大橋順. Extended Haplotype Homozygosity (EHH)を用いる正の自然選択検出法の検出力比較. 統計数理 60:317-325, 2012
3. 川口未央, 太田恭子, 藤田純一, 檜澤伸之. 【アレルギーに対するサイトカイン】 IL-17. アレルギー・免疫 19(12):1892-1898, 2012
4. 川口未央, 太田恭子, 藤田純一, 檜澤伸之. 【難治性喘息研究の新展開】 サイトカインからみた難治性喘息. 呼吸器内科 21(1):48-53, 2012
5. 金谷穰, 鍋倉宰, 渋谷和子, 渋谷彰. Immune Regulation in Hematological Malignancies 急性GVHD 発症における活性化免疫受容体 DNAM-1 の重要な役割. 臨床血液 53(5):497-503, 2012

6. 坂本透, 檜澤伸之. 【知っておきたい内科症候群】呼吸器《肺の脈管循環異常に伴う疾患》黄色爪症候群. 内科 109(6):1176-1177, 2012
7. 渋谷彰, 金丸和正. 【ウイルス感染と免疫・アレルギー】アレルギーと抑制性免疫グロブリン様受容体. アレルギーの臨床 32(12):1111-1116, 2012
8. 田原聡子, 渋谷彰. 【アレルギー治療標的としてのシグナル受容体】アレルギー反応を抑制する新しい受容体、Allergin-1. 臨床免疫・アレルギー科 58(2):197-203, 2012
9. 沼田岳士, 児玉孝秀, 山田英恵, 佐藤信也, 小川良子, 本間晋介, 栗島浩一, 坂本透, 酒井光昭, 佐藤幸夫, 南 優, 檜澤 伸之. 縦隔リンパ節腫脹から気管内浸潤と心嚢水貯留をきたした肺クリプトコッカス症の1例. 気管支学 34(5):456-461, 2012
10. 檜澤伸之. 巻頭言 喘息の多様性を考える. 呼吸と循環 60(5):455, 2012
11. 檜澤伸之. 【気管支喘息-最近の進歩と展望-】喘息発症における環境および遺伝因子の役割. 最新医学 67(6):1281-1285, 2012
12. 檜澤伸之. 【気管支喘息・実地診療の最前線】トピックス 喘息の遺伝子解析. Medical Practice 29(4):635-636, 2012
13. 檜澤伸之. 【呼吸器疾患におけるトランスレーショナルリサーチ】気管支喘息. 呼吸器内科 21(6):496-501, 2012
14. 檜澤伸之. 【最近 10 年で最も進歩した研究分野を検証する】難治性喘息、COPD における phenotype. 呼吸 31(9):832-834, 2012
15. 檜澤伸之. 【COPD の最新の話題】遺伝的背景から見た病態. 呼吸と循環 60(10):1015-1019, 2012
16. 藤田純一, 川口未央, 太田恭子, 小川良子, 本間晋介, 島浩一, 森島祐子, 石井幸雄, 坂本透, 佐藤浩昭, 大塚盛男, 岸厚次, 中村博幸, 大石修司, 檜澤伸之. 茨城県における喘息診療の実態調査. 専門医、非専門医間の比較. アレルギー・免疫 19(6):960-967, 2012
17. 森島祐子, 檜澤伸之. わかりやすい分子呼吸器病学—気道炎症と好中球—. Respiratory Trends 2(1):12-15, 2012
18. 山田英恵, 小川良子, 清水圭, 沼田岳士, 佐藤信也, 本間晋介, 栗島浩一, 南優子, 坂本透, 檜澤伸之. 両側多発肺結節および気管支内腔に多発ポリープを呈したシェーグレン症候群合併悪性リンパ腫の1例. 気管支学 34(1):64-70, 2012

腫瘍特異的ヘム-ポルフィリン代謝を利用した診断・治療法開発

a) 英文論文

1. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
2. Hamada S, Hinotsu S, Hori K, Furuse H, Oikawa T, Kawakami J, Ozono S, Akaza H, Kawakami K. The cost of antiemetic therapy for chemotherapy-induced nausea and vomiting in patients receiving platinum-containing regimens in daily practice in Japan: a retrospective study. *Support Care Cancer* 20(4):813-820, 2012
3. Hiyama K, Matsui H, Tamura M, Shimokawa O, Hiyama M, Kaneko T, Nagano Y, Hyodo I, Tanaka J, Miwa Y, Ogawa T, Nakanishi T, Tamai I. Cancer cells uptake porphyrins via heme carrier protein 1. *Journal of Porphyrins and Phthalocyanines* 16:1-8, 2012
4. Ikeda A, Kawai K, Ando S, Oikawa T, Inai H, Kimura T, Takaoka E, Yoshino T, Suetomi T, Kojima T, Miyazaki J, Nishiyama H. Management of ureteral obstruction in advanced testicular tumor with lymph node metastasis. *Jpn J Clin Oncol* 42(8):748-752, 2012
5. Inai H, Kawai K, Ikeda A, Ando S, Kimura T, Oikawa T, Onozawa M, Miyazaki J, Uchida K, Nishiyama H. Risk factors for chronic kidney disease after chemotherapy for testicular cancer. *Int J Urol* 2013 Jul;20(7):716-22. doi: 10.1111/iju.12017. Epub 2012 Nov 27.
6. Indo HP, Inanami O, Koumura T, Suenaga S, Yen HC, Kakinuma S, Matsumoto K, Nakanishi I, St Clair W, St Clair DK, Matsui H, Cornette R, Gusev O, Okuda T, Nakagawa Y, Ozawa T, Majima HJ. Roles of mitochondria-generated reactive oxygen species on X-ray-induced apoptosis in a human hepatocellular carcinoma cell line, HLE. *Free Radic Res* 46(8):1029-1043, 2012
7. Kanno T, Kamba T, Yamasaki T, Shibasaki N, Saito R, Terada N, Toda Y, Mikami Y, Inoue T, Kanematsu A, Nishiyama H, Ogawa O, Nakamura E. JunB promotes cell invasion and angiogenesis in VHL-defective renal cell carcinoma. *Oncogene* 31(25):3098-3110, 2012
8. Kim BJ, Kim SY, Lee S, Jeon JH, Matsui H, Kwon YK, Kim SJ, So I. The role of transient receptor potential channel blockers in human gastric cancer cell viability. *Can J Physiol Pharmacol* 90(2):175-186, 2012
9. Li B, Shimizu Y, Kobayashi T, Terada N, Yoshimura K, Kamba T, Mikami Y, Inoue T, Nishiyama H, Ogawa O. Overexpression of ETS-1 is associated with malignant biological features of prostate cancer. *Asian J Androl* 14(6):860-863, 2012
10. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7):779-784, 2012
11. Masuda Y, Ishikawa E, Takahashi T, Ihara S, Yamamoto T, Zaboronok A, Matsumura A. Dual-port technique in navigation-guided endoscopic resection for intraparenchymal brain tumor. *Surg Neurol Int* 3:35, 2012
12. Masuda T, Itoh K, Higashitsuji H, Higashitsuji H, Nakazawa N, Sakurai T, Liu Y, Tokuchi H,

- Fujita T, Zhao Y, Nishiyama H, Tanaka T, Fukumoto M, Ikawa M, Okabe M, Fujita J. Cold-inducible RNA-binding protein (Cirp) interacts with Dyrk1b/Mirk and promotes proliferation of immature male germ cells in mice. *Proc Natl Acad Sci U S A* 109(27):10885-10890, 2012
13. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
 14. Matsui Y, Nishiyama H, Yoshimura K, Xing ND, Sumiyoshi T, Saito R, Inoue T, Kamba T, Ogawa O. The effect of gemcitabine/paclitaxel chemotherapy on the survival of patients with metastatic urothelial cancers. *Int J Clin Oncol* doi: 10.1007/s10147-012-0381-0., 2012
 15. Miki S, Fujita K, Katayama W, Sato M, Kamezaki T, Matsumura A, Sakashita S. Encapsulated acute subdural hematoma mimicking acute epidural hematoma on computed tomography. *Neurol Med Chir (Tokyo)* 52(11):826-828, 2012
 16. Muroi A, Takano S, Fukushima T, Shimizu T, Matsumura A. Intracranial germinoma manifesting as cavernous sinus syndrome –case report. *Neurol Med Chir (Tokyo)* 52(10):754-756, 2012
 17. Nagane M, Nishikawa R, Narita Y, Kobayashi H, Takano S, Shinoura N, Aoki T, Sugiyama K, Kuratsu J, Muragaki Y, Sawamura Y, Matsutani M. Phase II study of single-agent bevacizumab in Japanese patients with recurrent malignant glioma. *Jpn J Clin Oncol* 42(10):887-895, 2012
 18. Nagano Y, Matsui H, Shimokawa O, Hirayama A, Nakamura Y, Tamura M, Rai K, Kaneko T, Hyodo I. Bisphosphonate-induced gastrointestinal mucosal injury is mediated by mitochondrial superoxide production and lipid peroxidation. *J Clin Biochem Nutr* 51(3):196-203, 2012
 19. Nagano Y, Matsui H, Shimokawa O, Hirayama A, Tamura M, Nakamura Y, Kaneko T, Rai K, Indo HP, Majima HJ, Hyodo I. Rebamipide attenuates nonsteroidal anti-inflammatory drugs (NSAID) induced lipid peroxidation by the manganese superoxide dismutase (MnSOD) overexpression in gastrointestinal epithelial cells. *J Physiol Pharmacol* 63(2):137-142, 2012
 20. Nagano Y, Matsui H, Tamura M, Shimokawa O, Nakamura Y, Kaneko T, Hyodo I. NSAIDs and acidic environment induce gastric mucosal cellular mitochondrial dysfunction. *Digestion* 85(2):131-135, 2012
 21. Nakai Y, Ito Y, Sato M, Nakamura K, Shiigai M, Takigawa T, Suzuki K, Ikeda G, Ihara S, Okumura T, Mizumoto M, Tsuboi K, Matsumura A. Multimodality treatment for cerebral arteriovenous malformations: complementary role of proton beam radiotherapy. *Neurol Med Chir (Tokyo)* 52(12):859-864, 2012
 22. Nakamizo H, Suzuki H, Miura S, Mogami S, Kishikawa H, Yoshida H, Matsui H, Hibi T. Transmural pressure loading enhances gastric mucosal cell proliferation. *Dig Dis Sci* 57(10):2545-2554, 2012
 23. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012

24. Nitta S, Kawai K, Onozawa M, Ando S, Miyazaki J, Nagata C, Noguchi M, Yamasaki K, Uchida K, Iwamoto T, Nishiyama H. Intratubular trophoblasts in the contralateral testis caused elevation of serum human chorionic gonadotropin following complete remission of stage II testicular tumor: a case report. *Jpn J Clin Oncol* doi: 10.1093/jjco/hys178., 2012
25. Onozawa M, Miyanaga N, Hinotsu S, Miyazaki J, Oikawa T, Kimura T, Takaoka E, Kawai K, Shimazui T, Sakurai H, Nishiyama H, Akaza H. Analysis of Intravesical Recurrence After Bladder-preserving Therapy for Muscle-invasive Bladder Cancer. *Jpn J Clin Oncol* 42(9):825-830, 2012
26. Onuma K, Ishikawa E, Matsuda M, Hirata K, Osuka S, Yamamoto T, Masumoto T, Zaboronok A, Matsumura A. Clinical Characteristics and Neuroimaging Findings in 12 Cases of Recurrent Glioblastoma With Communicating Hydrocephalus. *Neurol Med Chir (Tokyo)* 2012
27. Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int* 3:9, 2012
28. Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg* 117(2):363-371, 2012
29. Osuka S, Sampetean O, Shimizu T, Saga I, Onishi N, Sugihara E, Okubo J, Fujita S, Takano S, Matsumura A, Saya H. IGF1 receptor signaling regulates adaptive radioprotection in glioma stem cells. *Stem Cells* 31(4):627-640, 2012
30. Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)* 52(4):186-193, 2012
31. Oyane A, Wang X, Sogo Y, Ito A, Tsurushima H. Calcium phosphate composite layers for surface-mediated gene transfer. *Acta Biomater* 8(6):2034-2046, 2012
32. Oyane A, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4):1011-1019, 2012
33. Saida T, Masumoto T, Nakai Y, Shiigai M, Matsumura A, Minami M. Moyamoya disease: evaluation of postoperative revascularization using multiphase selective arterial spin labeling MRI. *J Comput Assist Tomogr* 36(1):143-149, 2012
34. Saito R, Shirakawa R, Nishiyama H, Kobayashi T, Kawato M, Kanno T, Nishizawa K, Matsui Y, Ohbayashi T, Horiguchi M, Nakamura T, Ikeda T, Yamane K, Nakayama E, Nakamura E, Toda Y, Kimura T, Kita T, Ogawa O, Horiuchi H. Downregulation of Ral GTPase-activating protein promotes tumor invasion and metastasis of bladder cancer. *Oncogene* doi: 10.1038/onc.2012.101., 2012
35. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012

36. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4):194-201, 2012
37. Sato M, Nakai Y, Takigawa T, Takano S, Matsumura A. Endoscopic third ventriculostomy for obstructive hydrocephalus caused by a large upper basilar artery aneurysm after coil embolization. *Neurol Med Chir (Tokyo)* 52(11):832-834, 2012
38. Sato M, Nakai Y, Tsurushima H, Shiigai M, Masumoto T, Matsumura A. The risk factors of ischemic lesions related to cerebral angiography and neuro-interventional procedures. *Neurol Med Chir (Tokyo)* 2012
39. Sekido N, Jyoraku A, Okada H, Wakamatsu D, Matsuya H, Nishiyama H. A novel animal model of underactive bladder: analysis of lower urinary tract function in a rat lumbar canal stenosis model. *Neurol Med Chir (Tokyo)* 31(7):1190-1196, 2012
40. Shibui S, Narita Y, Mizusawa J, Beppu T, Ogasawara K, Sawamura Y, Kobayashi H, Nishikawa R, Mishima K, Muragaki Y, Maruyama T, Kuratsu J, Nakamura H, Kochi M, Minamida Y, Yamaki T, Kumabe T, Tominaga T, Kayama T, Sakurada K, Nagane M, Kobayashi K, Nakamura H, Ito T, Yazaki T, Sasaki H, Tanaka K, Takahashi H, Asai A, Todo T, Wakabayashi T, Takahashi J, Takano S, Fujimaki T, Sumi M, Miyakita Y, Nakazato Y, Sato A, Fukuda H, Nomura K. Randomized trial of chemoradiotherapy and adjuvant chemotherapy with nimustine (ACNU) versus nimustine plus procarbazine for newly diagnosed anaplastic astrocytoma and glioblastoma (JCOG0305). *Cancer Chemother Pharmacol* doi: 10.1007/s00280-012-2041-5., 2012
41. Shimazui T, Yoshikawa K, Miyazaki J, Kojima T, Inai H, Ando S, Uemura H, Uchida K, Nishiyama H. Systemic transduction of p16INK4A antitumor peptide inhibits the growth of MBT-2 mouse bladder tumor cell line grafts. *Int J Oncol* doi: 10.3892/ijo.2012.1752., 2012
42. Suemasu S, Yamakawa N, Ishihara T, Asano T, Tahara K, Tanaka K, Matsui H, Okamoto Y, Otsuka M, Takeuchi K, Suzuki H, Mizushima T. Identification of a unique nsaid, fluoro-loxoprofen with gastroprotective activity. *Biochem Pharmacol* 84(11):1470-1481, 2012
43. Tabuchi K, Yamamoto T, Akutsu H, Suzuki K, Hara A. Combined transmastoid/middle fossa approach for intracranial extension of middle ear cholesteatoma. *Neurol Med Chir (Tokyo)* 52(10):736-740, 2012
44. Takada T, Yamamoto T, Ishikawa E, Zaboronok A, Kujiraoka Y, Akutsu H, Ihara S, Nakai K, Matsumura A. Acute subdural hematoma without subarachnoid hemorrhage caused by ruptured A1-A2 junction aneurysm. Case report. *Neurol Med Chir (Tokyo)* 52(6):430-434, 2012
45. Takahashi T, Ishikawa E, Masuda Y, Yamamoto T, Sato T, Shibuya M, Matsumura A. Mixed germ cell tumor with extensive yolk sac tumor elements in the frontal lobe of an adult. *Case Rep Surg* 2012:473790, 2012
46. Takano S. Glioblastoma angiogenesis: VEGF resistance solutions and new strategies based on molecular mechanisms of tumor vessel formation. *Brain Tumor Pathol* 29(2):73-86, 2012
47. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1

- mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
48. Takano S, Kimu H, Tsuda K, Osuka S, Nakai K, Yamamoto T, Ishikawa E, Akutsu H, Matsuda M, Matsumura A. Decrease in the Apparent Diffusion Coefficient in Peritumoral Edema for the Assessment of Recurrent Glioblastoma Treated by Bevacizumab. *Acta Neurochirurgica Supplement* 118:1, 2012
 49. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
 50. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vasc Surg* 55(2):506-516, 2012
 51. Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol* doi: 10.1007/s10014-012-0116-y., 2012
 52. Vong LB, Tomita T, Yoshitomi T, Matsui H, Nagasaki Y. An orally administered redox nanoparticle that accumulates in the colonic mucosa and reduces colitis in mice. *Gastroenterology* 143(4):1027-1036 e1023, 2012
 53. Yamasaki T, Kamba T, Kanno T, Inoue T, Shibasaki N, Arakaki R, Yamada T, Kondo K, Kamoto T, Nishiyama H, Ogawa O, Nakamura E. Tumor microvasculature with endothelial fenestrations in VHL null clear cell renal cell carcinomas as a potent target of anti-angiogenic therapy. *Cancer Sci* 103(11):2027-2037, 2012
 54. Yamazaki T, Yasuda S, Uemura K, Matsumura A. New instrument for creating bone graft cavities for anterior cervical decompression and fusion: the anterior fusion spinal fork. *Neurol Med Chir (Tokyo)* 52(9):691-694, 2012
 55. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13:064204, 2012
 56. Yoshino T, Kawai K, Miyazaki J, Kimura T, Ikeda A, Takaoka E, Suetomi T, Oikawa T, Kojima T, Iwasaki H, Shimano H, Nishiyama H. A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. *Jpn J Clin Oncol* 42(8):764-766, 2012

b) 英文以外の論文

1. Aoki T, Ayuzawa S, Matsuo R, Hosoo H, Tanno S, Miki S, Matsubara T, Matsumura A. Laparoscopy-assisted ventriculoperitoneal and lumboperitoneal shunt surgery. *No Shinkei Geka* 40(6):511-517, 2012
2. 阿久津博義, 高野晋吾, 村下秀和, 田中秀峰, 上前泊功, 鈴木浩明, 山本哲哉, 松村明. GH

産生下垂体腺腫の手術成績-内視鏡単独手術導入は治癒率改善に寄与したか. 第8回アクロメ
ガリーフォーラム記録集 2012

3. 石川栄一, 山本哲哉, 中井啓, 高野晋吾, 坪井康次, 丸山隆志, 田中雅彦, 生田聡子, 橋本幸一, 原田義則, 上前洋二, 大野忠夫, 唐沢克之, 松谷雅生, 阿部竜也, 村垣善浩, 松村明. 初発膠芽腫患者に対する臨床多施設共同試験: 手術、放射線、テモゾロマイド、ワクチンの4者併用療法. *Neuro-Oncology* 22(1):6-11, 2012
4. 木村友和, 及川剛宏, 池田篤史, 吉野喬之, 末富崇弘, 宮崎淳, 島居徹, 橋本孝之, 杉田真太郎, 野口雅之, 西山博之. 陰茎原発紡錘形細胞肉腫の1例. *泌尿器科紀要* 58(6):299-305, 2012
5. 木村友和, 末富崇弘, 宮川友明, 堤雅一. 転移性腎細胞癌に対するソラフェニブ投与中に可逆性急性心不全と耐糖能異常をきたし急激な臨床経過で死亡した1例. *泌尿器科紀要* 58(8):443-446, 2012
6. 木村博子, 神波大己, 熱田雄, 牧野雄樹, 大饗政嗣, 松井喜之, 今村正明, 清水洋祐, 井上貴博, 大久保和俊, 吉村耕治, 兼松明弘, 西山博之, 小川修. 内視鏡超音波ガイド下経胃的腓仮性嚢胞ドレナージにより治療した腎被膜下嚢胞の1例. *泌尿器科紀要* 58(8):421-424, 2012
7. 黒部匡広, 小島崇宏, 内田将央, 宮川友明, 堤雅一, 杉田真太郎. 混合性尿管子宮内膜症の1例と本邦文献例の検討. *泌尿器科紀要* 58(7):329-333, 2012
8. 佐藤晋爾, 末富崇弘, 西山博之, 新井哲明, 朝田隆. 多彩な身体愁訴から心気症と診断されたLOH(late-onset hypogonadism) 症候群の1例. *精神医学* 54(7):709-712, 2012
9. Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. Granular cell tumor of the neurohypophysis observed with hypoglycemic attack. *No Shinkei Geka* 40(8):723-728, 2012
10. 田村剛一郎, 井原哲, 佐藤允之, 松村明. 脊髄係留解除術が有効であった鎖肛合併正常脊髄円錐高位終糸脂肪腫の1例. *小児の脳神経* 37(3):258-262, 2012
11. 辻本真範, 師田信人, 金子剛, 井原哲. 非症候群性頭蓋骨縫合早期癒合症に対する治療戦略. *小児の脳神経* 37:232-236, 2012
12. 津田恭治, 高野晋吾, 今井資, 松原鉄平, 阿久津博義, 松村明. 【脳幹部海綿状血管腫】当院で経験した中脳海綿状血管腫3例に対する治療方針の検討. *脳卒中の外科* 40(3):149-153, 2012
13. 灰谷崇夫, 清水洋祐, 井上貴博, 大久保和俊, 渡部淳, 神波大己, 吉村耕治, 兼松明宏, 西山博之, 小川修, 住吉真治, 三上芳喜, 錦織桃子. 尿管壁全周性肥厚を呈した尿管悪性リンパ腫の1例. *泌尿器科紀要* 58(4):209-213, 2012
14. 松田真秀, 高野晋吾, 小沼邦之, 中井啓, 石川栄一, 山本哲哉, 水本斉志, 坪井康次, 松村明. 再発膠芽腫に対する治療戦略. *Neuro-Oncology* 42(1):1-4, 2011
15. Matsubara T, Matsuda M, Mashiko R, Uemura K, Komatsu Y, Matsumura A. A case of the de novo aneurysm rupture causing subarachnoid hemorrhage during the follow-up period of multiple unruptured aneurysms. *Surgery for Cerebral Stroke* 41(1):56-59, 2013

c) 英文著書

1. Nakai K, Matsumura A. TEXTBOOK for BNCT: Feasibility for Intramedullary Spinal Glioma in "Neutron Capture Therapy" (edited by Sauerwein W A G, Wittig A, Moss R, Nakagawa Y), Springer-Verlag (Berlin Heidelberg) 2012; pp407-415
2. Tsuruta W, Yamamoto T, Matsumura A. Prevention of Vascular Restenosis After Vascular Angioplasty; in "Neutron Capture Therapy Principles and Applications", Springer-Verlag (Berlin Heidelberg) 2012; pp513-520
3. Yamamoto T, Matsumura A. Non-operative BNCT for GBM; in "Neutron Capture Therapy" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer-Verlag (Berlin Heidelberg) 2012; pp100

d) 英文以外の著書

1. 井原哲.アーノルド・キアリ奇形（キアリ奇形2型）；"こどもケア 6" 日総研（東京）2012; pp46-49
2. 井原哲. 脳室穿刺，硬膜下穿刺；"小児の診療手技100 小児科診療 75 増刊号" 診断と治療社（東京）2012; pp184-187
3. 井原哲. 脳性麻痺に対する新しい治療法-髄腔内バクロフェン療法と機能的脊髄後根切断術 44；"小児内科" 東京医学社（東京）2012; pp1490-1494
4. 井原哲. 脳室腹腔シャントの管理；"小児の手技100 小児科診療 75 増刊号" 診断と治療社（東京）2012; pp303-307
5. 内田将央, 西山博之. 特集1 化学療法／造血細胞移植における不妊対策 序～希望ある治療と治癒を求めて～ 5. 悪性疾患患者における治療前精子凍結保存の現状と問題点；"血液フロンティア Vol. 122 No. 12", 医薬ジャーナル社（大阪）2012; pp1839-1845
6. 大須賀覚, サンペトラオルテア, 松村明, 佐竹秀行. 連載 知っておきたい Cancer Stem Cell 第2回 脳腫瘍肝細胞と治療戦略；"Mebio 28(9)" メジカルビュー社（東京）2012; pp7-13
7. 大矢根綾子, 矢崎侑振, 鶴嶋英夫, 王秀鵬, 十河友, 伊藤敦夫, 山崎敦司. リン酸カルシウム複合層を利用した遺伝子導入と再生医療応用；"無機マテリアル学会機関誌 19", 無機マテリアル学会（東京）2012; pp466-472
8. 河合弘二. 『精巣腫瘍診療ガイドライン』のポイント フローチャートでわかる！知っておきたいポイント 泌尿器科にかかわるガイドラインII；"泌尿器ケア17巻12号", メディカ出版（大阪）2012; pp1238-1241
9. 島居徹. 出血性膀胱炎；"日本臨床" 日本臨牀社（大阪）pp432-437
10. 高野晋吾, 阿久津博義, 渡邊真哉, 松村明. カベルゴリン時代のプロラクチノーマの治療；"日本内分泌学会誌 88 Suppl" 日本内分泌学会（東京）2012; pp43-43
11. Takano S, Matsumura A. Topics for antiangiogenic therapy for glioblastoma；"No Shinkei Gekai 40(6)", 2012; pp481-502

12. 鶴嶋英夫. 臨床研究におけるトピックス 個別化医療の臨床研究と経済評価; "日本医療・病院管理学会誌 49(3)" 日本医療・病院管理学会(東京) 2012; pp55
13. 鶴嶋英夫, 本間真人, 土岐浩介, 幸田幸直. 臨床研究の進め方; "医学物理 32 Suppl" 医学物理学会 (東京) 2012; pp47
14. 西山博之. POOR RISK 精巣腫瘍の再考-さらなる治療成績の向上を目指して Poor risk testicular cancer-for further improvement of treatment outcome- 序; "泌尿器外科" 医学図書出版 (東京) 2012; pp289
15. 松村明. 医局紹介 筑波大学医学医療系脳神経外科; "DOCTOR'S MAGAZINEメディカルプリンシプル社(東京)
16. 松村明. ニッポン 病院の実力 悪性度の高いグリオーマへの診断治療法は全国トップクラスの実力 第13017号; "タ刊フジ" 産経新聞社(東京) 2012; pp19
17. 松村明. 脳腫瘍の最新放射線治療; "BRAIN (日本脳神経財団ニュース) 発行106" 公益財団法人日本脳神経財団(東京) 2012; pp6-7
18. 松村明, 鶴嶋英夫. 脳梗塞、神経・筋疾患の病態と診断・治療 (I) ; "医学と薬学 68" 自然科学社 (東京) 2012; pp11-16
19. 宮崎淳, 西山博之. Current Organ Topics: Genitourinary Cancer 泌尿器系腫瘍 バイオマーカー; 最近の進歩 III. 膀胱癌のバイオマーカー; "Jpn J Cancer Chemother 39(1)" 癌と化学療法社 (東京) 2012; pp48-53
20. 宮崎淳, 西山博之. 筋層非浸潤性膀胱癌の治療戦略 膀胱内BCG注入療法および維持療法の有用性; "臨床泌尿器科" 医学書院 (東京) 2012; pp453-460
21. 宮崎淳, 西山博之. 泌尿器病理II. -尿路系 精巣 外陰部- 尿路上皮癌の診断・治療: 最近の話題; "病理と臨床 Vol. 30 No. 10", 文光堂 (東京) 2012; pp1067-1077
22. 宮崎淳, 西山博之. 2 膀胱がん 1章. 泌尿器腫瘍の看護マニュアル; "「フローチャートでわかる! 泌尿器科疾患別看護マニュアル」泌尿器ケア2012年 冬季増刊 (通巻205号)", メディカ出版 (大阪) 2012; pp27-28
23. 宮崎淳, 西山博之. 13. 膀胱腫瘍 泌尿器科疾患 腎疾患治療マニュアル2012-13 治療各論; "腎と透析" 東京医学社 (東京) 2012; pp535-539

次世代型粒子線がん治療の確立研究

a) 英文論文

1. Chonpathompikunlert P, Fan CH, Ozaki Y, Yoshitomi T, Yeh CK, Nagasaki Y. Redox nanoparticle treatment protects against neurological deficit in focused ultrasound-induced intracerebral hemorrhage. *Nanomedicine (Lond)* 7(7):1029-1043, 2012
2. Fujibuchi T, Obara S, Yamaguchi I, Oyama M, Watanabe H, Sakae T, Katoh K. Induced radioactive nuclides of 10-MeV radiotherapy accelerators detected by using a portable HP-Ge survey meter. *Radiat Prot Dosimetry* 148(2):168-173, 2012
3. Fukumitsu N, Hashimoto T, Okumura T, Mizumoto M, Tohno E, Fukuda K, Abei M, Sakae T, Sakurai H. Investigation of the geometric accuracy of proton beam irradiation in the liver. *Int J Radiat Oncol Biol Phys* 82(2):826-833, 2012
4. Fukumitsu N, Ishida M, Terunuma T, Mizumoto M, Hashimoto T, Moritake T, Okumura T, Sakae T, Tsuboi K, Sakurai H. Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. *J Radiat Res* 53(6):945-953, 2012
5. Fukumitsu N, Okumura T, Mizumoto M, Oshiro Y, Hashimoto T, Kanemoto A, Hashii H, Ohkawa A, Moritake T, Tsuboi K, Tabuchi K, Wada T, Hara A, Sakurai H. Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or recurrent nasal cavity and paranasal sinus carcinoma treated with proton beam. *Int J Radiat Oncol Biol Phys* 83(2):704-711, 2012
6. Fukumitsu N, Oshiro Y, Hashimoto T, Okumura T, Mizumoto M, Moritake T, Tsuboi K, Sakae T, Sakurai H. Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. *Lung Cancer* 77(1):83-88, 2012
7. Harada K, Ishikawa H, Saito Y, Nakamoto S, Kawamura H, Wakatsuki M, Etsunaga T, Takezawa Y, Kobayashi M, Nakano T. Risk factors for rectal bleeding associated with I-125 brachytherapy for prostate cancer. *J Radiat Res* 53(6):923-929, 2012
8. Hashii H, Hashimoto T, Okawa A, Shida K, Isobe T, Hanmura M, Nishimura T, Aonuma K, Sakae T, Sakurai H. Comparison of the effects of high-energy photon beam irradiation (10 and 18 MV) on 2 types of implantable cardioverter-defibrillators. *Int J Radiat Oncol Biol Phys* doi: 10.1016/j.ijrobp.2012.05.043., 2012
9. Hashimoto T, Ishikawa H, Okumura T, Makishima H, Ohno T, Kanemoto A, Hashii H, Ohkawa A, Mizumoto M, Sakurai H. Concurrent chemo-proton therapy using 5-fluorouracil and cisplatin for esophageal cancer. *Int J Radiat Oncol Biol Phys* 84:S311-S312, 2012
10. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
11. Hong Z, Kase Y, Moritake T, Gerelchuluun A, Sun L, Suzuki K, Terunuma T, Yasuoka K, Kumada H, Anzai K, Sakurai H, Sakae T, Tsuboi K. Lineal energy-based evaluation of oxidative

- DNA damage induced by proton beams and X-rays. *Int J Radiat Biol* doi: 10.3109/09553002.2012.715791., 2012
12. Ikeda Y, Jomura T, Horiuchi U, Saeki J, Yoshimoto K, Ikeya T, Nagasaki Y. Long-term survival and functional maintenance of hepatocytes by using a microfabricated cell array. *Colloids Surf B Biointerfaces* 97:97-100, 2012
 13. Ikeda Y, Nagasaki Y. PEGylation Technology in Nanomedicine, Advances in Polymer Science. *Polymers in Nanomedicine* 247:115-140, 2012
 14. Ishibashi H, Aoyagi K, Kobayashi H, Kurahara K, Kominato K, Kawasaki K, Oshiro Y, Fuchigami T. Endoscopic mucosal resection of inflammatory fibroid polyp in the transverse colon. *Endoscopy* 44 (Suppl 2 UCTN):E15-16, 2012
 15. Ishikawa H, Tsuji H, Kamada T, Akakura K, Suzuki H, Shimazaki J, Tsujii H, Working Group for Genitourinary T. Carbon-ion radiation therapy for prostate cancer. *Int J Urol* 19(4):296-305, 2012
 16. Kakinuma R, Ashizawa K, Kuriyama K, Fukushima A, Ishikawa H, Kamiya H, Koizumi N, Maruyama Y, Minami K, Nitta N, Oda S, Oshiro Y, Kusumoto M, Murayama S, Murata K, Muramatsu Y, Moriyama N. Measurement of focal ground-glass opacity diameters on CT images: interobserver agreement in regard to identifying increases in the size of ground-glass opacities. *Acad Radiol* 19(4):389-394, 2012
 17. Kamimura M, Kim JO, Kabanov AV, Bronich TK, Nagasaki Y. Block ionomer complexes of PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. *J Control Release* 160(3):486-494, 2012
 18. Kanemoto A, Ishikawa H, Mizumoto M, Okumura T, Hashimoto T, Oshiro Y, Fukumitsu N, Tsuboi K, Sakae T, Sakurai H. Proton beam therapy for liver metastasis from breast cancer: Five case reports and a review of the literatures. *International Cancer Conference Journal* 1:210-214, 2012
 19. Kanemoto A, Mizumoto M, Okumura T, Takahashi H, Hashimoto T, Oshiro Y, Fukumitsu N, Moritake T, Tsuboi K, Sakae T, Sakurai H. Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. *Acta Oncol* doi: 10.3109/0284186X.2012.718094., 2012
 20. Kanemoto A, Oshiro Y, Sugahara S, Kamagata S, Hirobe S, Toma M, Okumura T, Sakurai H. Proton beam therapy for inoperable recurrence of bronchial high-grade mucoepidermoid carcinoma. *Jpn J Clin Oncol* 42(6):552-555, 2012
 21. Kawamura H, Ebara T, Katoh H, Tamaki T, Ishikawa H, Sakurai H, Nakano T. Long-term results of curative intraluminal high dose rate brachytherapy for endobronchial carcinoma. *Radiat Oncol* 7:112, 2012
 22. Kim Y, Nakamura H. Copper(I)-catalysed deacetylenative cross-coupling reaction of terminal alkynes with propargylic amines via C(sp)-C(sp³) bond cleavage. *Synlett* (23):1686-1690, 2012
 23. Kurinomaru T, Tomita S, Kudo S, Ganguli S, Nagasaki Y, Shiraki K. Improved complementary polymer pair system: switching for enzyme activity by PEGylated polymers. *Langmuir* 28(9):4334-4338, 2012

24. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7):779-784, 2012
25. Masuda Y, Ishikawa E, Takahashi T, Ihara S, Yamamoto T, Zaboronok A, Matsumura A. Dual-port technique in navigation-guided endoscopic resection for intraparenchymal brain tumor. *Surg Neurol Int* 3:35, 2012
26. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
27. Miki S, Fujita K, Katayama W, Sato M, Kamezaki T, Matsumura A, Sakashita S. Encapsulated acute subdural hematoma mimicking acute epidural hematoma on computed tomography. *Neurol Med Chir (Tokyo)* 52(11):826-828, 2012
28. Mizumoto M, Okumura T, Hashimoto T, Fukuda K, Oshiro Y, Fukumitsu N, Abei M, Kawaguchi A, Hayashi Y, Ohkawa A, Hashii H, Kanemoto A, Moritake T, Tohno E, Tsuboi K, Sakae T, Sakurai H. Evaluation of liver function after proton beam therapy for hepatocellular carcinoma. *Int J Radiat Oncol Biol Phys* 82(3):e529-535, 2012
29. Moritake T, Fujita H, Yanagisawa M, Nakawatari M, Imadome K, Nakamura E, Iwakawa M, Imai T. Strain-dependent damage in mouse lung after carbon ion irradiation. *Int J Radiat Oncol Biol Phys* 84(1):e95-e102, 2012
30. Muroi A, Takano S, Fukushima T, Shimizu T, Matsumura A. Intracranial germinoma manifesting as cavernous sinus syndrome--case report. *Neurol Med Chir (Tokyo)* 52(10):754-756, 2012
31. Nagane M, Nishikawa R, Narita Y, Kobayashi H, Takano S, Shinoura N, Aoki T, Sugiyama K, Kuratsu J, Muragaki Y, Sawamura Y, Matsutani M. Phase II study of single-agent bevacizumab in Japanese patients with recurrent malignant glioma. *Jpn J Clin Oncol* 42(10):887-895, 2012
32. Nagasaki Y. Nitroxide radicals and nanoparticles: a partnership for nanomedicine radical delivery. *Ther Deliv* 3(2):165-179, 2012
33. Nakai Y, Ito Y, Sato M, Nakamura K, Shiigai M, Takigawa T, Suzuki K, Ikeda G, Ihara S, Okumura T, Mizumoto M, Tsuboi K, Matsumura A. Multimodality treatment for cerebral arteriovenous malformations: complementary role of proton beam radiotherapy. *Neurol Med Chir (Tokyo)* 52(12):859-864, 2012
34. Nakamura H, Kuroda H, Minegishi H. Synthesis and biological evaluation of boronic acid containing phenstatin analogues. *ARKIVOC* 2012(vii):79-87, 2012
35. Nakamura H, Ueda N, Ban H, Ueno M, Tachikawa S. Design and synthesis of fluorescence-labeled closo-dodecaborate lipid: liposome formation and in vitro and in vivo imaging targeting to tumor for boron neutron capture therapy. *Org. Biomol. Chem.* 10:1374-1380, 2012
36. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012

37. Nguyen THN, Akutsu H, Nouguchi S, Tsunoda T, Sasaki M, Tsurushima H, Matsumura A. Reversible focal radiological changes due to non-convulsive status epilepticus of the right parietooccipital lobe. –Case report–. *Turk Neurosurgery*, 2012
38. Nishimura Y, Hiraoka M, Koike R, Nakamatsu K, Itasaka S, Kawamura M, Negoro Y, Araki N, Ishikawa H, Fujii T, Mitsuhashi N. Long-term follow-up of a randomized Phase II study of cisplatin/5-FU concurrent chemoradiotherapy for esophageal cancer (KROSG0101/JROSG021). *Jpn J Clin Oncol* 42(9):807-812, 2012
39. Okamoto M, Ishikawa H, Ebara T, Kato H, Tamaki T, Akimoto T, Ito K, Miyakubo M, Yamamoto T, Suzuki K, Takahashi T, Nakano T. Rectal bleeding after high-dose-rate brachytherapy combined with hypofractionated external-beam radiotherapy for localized prostate cancer: the relationship between dose-volume histogram parameters and the occurrence rate. *Int J Radiat Oncol Biol Phys* 82(2):e211-217, 2012
40. Okamoto Y, Okamoto T, Yuka K, Hirano Y, Isobe T, Minami M. Correlation between pennation angle and image quality of skeletal muscle fibre tractography using deterministic diffusion tensor imaging. *J Med Imaging Radiat Oncol* 56(6):622-627, 2012
41. Okonogi N, Ebara T, Ishikawa H, Yoshida D, Ueno M, Maeno T, Suga T, Nakano T. A seven-year disease-free survivor of malignant pleural mesothelioma treated with hyperthermia and chemotherapy: a case report. *J Med Case Rep* 6(1):427, 2012
42. Okonogi N, Hashimoto T, Ishida M, Ohno T, Terunuma T, Okumura T, Sakae T, Sakurai H. Designed-seamless irradiation technique for extended whole mediastinal proton-beam irradiation for esophageal cancer. *Radiat Oncol* 7:173, 2012
43. Onozawa M, Miyanaga N, Hinotsu S, Miyazaki J, Oikawa T, Kimura T, Takaoka E, Kawai K, Shimazui T, Sakurai H, Nishiyama H, Akaza H. Analysis of Intravesical Recurrence After Bladder-preserving Therapy for Muscle-invasive Bladder Cancer. *Jpn J Clin Oncol* 42(9):825-830, 2012
44. Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int* 3:9, 2012
45. Oshiro Y, Mizumoto M, Okumura T, Hashimoto T, Fukumitsu N, Ohkawa A, Kanemoto A, Hashii H, Ohno T, Sakae T, Tsuboi K, Sakurai H. Results of proton beam therapy without concurrent chemotherapy for patients with unresectable stage III non-small cell lung cancer. *J Thorac Oncol* 7(2):370-375, 2012
46. Oshiro Y, Sakurai H. The use of proton-beam therapy in the treatment of nsclc. *Exp Rev Med Devices* 10:239-245, 2012
47. Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg* 117(2):363-371, 2012

48. Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)* 52(4):186-193, 2012
49. Saida T, Masumoto T, Nakai Y, Shiigai M, Matsumura A, Minami M. Moyamoya disease: evaluation of postoperative revascularization using multiphase selective arterial spin labeling MRI. *J Comput Assist Tomogr* 36(1):143-149, 2012
50. Sakai M, Fujimoto N, Ishii K, Nakamura H, Kaneda Y, Awazu K. In vitro investigation of efficient photodynamic therapy using a nonviral vector; hemagglutinating virus of Japan envelope. *J Biomed Opt* 17(7):078002, 2012
51. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012
52. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4):194-201, 2012
53. Sakurai H, Robert Lee W, Orton CG. Point/counterpoint: we do not need randomized clinical trials to demonstrate the superiority of proton therapy. *Med Phys* 39(4):1685-1687, 2012
54. Saotome K, Ishimori Y, Isobe T, Satou E, Shinoda K, Ookubo J, Hirano Y, Oosuka S, Matsushita A, Miyamoto K, Sankai Y. Comparison of diffusion tensor imaging-derived fractional anisotropy in multiple centers for identical human subjects. *Nihon Hoshasen Gijutsu Gakkai Zasshi* 68(9):1242-1249, 2012
55. Sato D, Takahara M, Narita A, Yamakawa J, Hashimoto J, Ishikawa H, Ogino T. Effect of platelet-rich plasma with fibrin matrix on healing of intrasynovial flexor tendons. *J Hand Surg Am* 37(7):1356-1363, 2012
56. Sato M, Nakai Y, Takigawa T, Takano S, Matsumura A. Endoscopic third ventriculostomy for obstructive hydrocephalus caused by a large upper basilar artery aneurysm after coil embolization. *Neurol Med Chir (Tokyo)* 52(11):832-834, 2012
57. Shimazaki J, Tsuji H, Ishikawa H, Kamada T, Harada M, Akakura K, Suzuki H, Ichikawa T, Tsujii H. Biochemical failure after carbon ion radiotherapy for prostate cancer. *Anticancer Res* 32(8):3267-3273, 2012
58. Sugiishi T, Nakamura H. Zinc(II)-catalyzed redox cross-dehydrogenative coupling of propargylic amines and terminal alkynes for synthesis of N-tethered 1,6-enynes. *J Am Chem Soc* 134(5):2504-2507, 2012
59. Sumitani S, Nagasaki Y. Boron Neutron Capture Therapy Assisted by Boron-conjugated Nanoparticles44. *Polymer Journal* 44(6):522-530, 2012
60. Sumitani S, Oishi M, Yaguchi T, Murotani H, Horiguchi Y, Suzuki M, Ono K, Yanagie H, Nagasaki Y. Pharmacokinetics of core-polymerized, boron-conjugated micelles designed for boron neutron capture therapy for cancer. *Biomaterials* 33(13):3568-3577, 2012

61. Sun L, Moritake T, Zheng YW, Suzuki K, Gerelchuluun A, Hong Z, Zenkoh J, Taniguchi H, Tsuboi K. In vitro stemness characterization of radio-resistant clones isolated from a medulloblastoma cell line ONS-76. *J Radiat Res* doi: 10.1093/jrr/rrs078., 2012
62. Tabuchi K, Yamamoto T, Akutsu H, Suzuki K, Hara A. Combined transmastoid/middle fossa approach for intracranial extension of middle ear cholesteatoma. *Neurol Med Chir (Tokyo)* 52(10):736-740, 2012
63. Takada T, Yamamoto T, Ishikawa E, Zaboronok A, Kujiraoka Y, Akutsu H, Ihara S, Nakai K, Matsumura A. Acute subdural hematoma without subarachnoid hemorrhage caused by ruptured A1-A2 junction aneurysm. Case report. *Neurol Med Chir (Tokyo)* 52(6):430-434, 2012
64. Takahashi T, Ishikawa E, Masuda Y, Yamamoto T, Sato T, Shibuya M, Matsumura A. Mixed germ cell tumor with extensive yolk sac tumor elements in the frontal lobe of an adult. *Case Rep Surg* 2012:473790, 2012
65. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
66. Takeuchi A, Hori N, Sato S, Ban H, Kuchimaru T, Kizaka-Kondoh S, Yamori T, Nakamura H. Synthesis and biological evaluation of furylindazoles as hypoxia inducible factor (HIF)-1 α inhibitors. *Med. Chem. Commun* 3:1455-1461, 2012
67. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vasc Surg* 55(2):506-516, 2012
68. Tamaki T, Ishikawa H, Takahashi T, Tamaki Y, Kitamoto Y, Okamoto M, Noda SE, Katoh H, Shirai K, Sakurai H, Nakano T. Comparison of efficacy and safety of low-dose-rate vs. high-dose-rate intraluminal brachytherapy boost in patients with superficial esophageal cancer. *Brachytherapy* 11(2):130-136, 2012
69. Tamura G, Shinohara Y, Tamura A, Sanada Y, Oishi M, Akiba I, Nagasaki Y, Sakurai K, Amemiya Y. Dependence of Swelling Behavior of pH-responsive PEG-modified Nanogel on Cross-link Density. *Polymer Journal* 44(3):240-244, 2012
70. Toita T, Kato S, Niibe Y, Ohno T, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Tokumaru S, Yamauchi C, Suzuki O, Sakurai H, Numasaki H, Teshima T, Oguchi M, Kagami Y, Nakano T, Hiraoka M, Mitsuhashi N. Prospective multi-institutional study of definitive radiotherapy with high-dose-rate intracavitary brachytherapy in patients with nonbulky (<4-cm) stage I and II uterine cervical cancer (JAROG0401/JROSG04-2). *Int J Radiat Oncol Biol Phys* 82(1):e49-56, 2012
71. Tokumaru S, Toita T, Oguchi M, Ohno T, Kato S, Niibe Y, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Yamauchi C, Suzuki O, Sakurai H, Teshima T, Kagami Y, Nakano T, Hiraoka M, Mitsuhashi N, Kudo S. Insufficiency fractures after pelvic radiation therapy for uterine cervical cancer: an analysis of subjects in a prospective multi-institutional trial, and cooperative

- study of the Japan Radiation Oncology Group (JAROG) and Japanese Radiation Oncology Study Group (JROSG). *Int J Radiat Oncol Biol Phys* 84(2):e195-200, 2012
72. Tomita S, Nagasaki Y, Shiraki K. Different mechanisms of action of poly (ethylene glycol) and arginine on thermal inactivation of lysozyme and ribonuclease A. *Biotechnol Bioeng* 109(10):2543-2552, 2012
 73. Tsuboi K. DNA-pk targeting virotherapy, a promising approach. *Transl Cancer Res* 1: 2-3, 2012
 74. Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol* doi: 10.1007/s10014-012-0116-y., 2012
 75. Uno M, Koma Y, Ban HS, Nakamura H. Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SEN1) inhibitors. *Bioorg Med Chem Lett* 22(16):5169-5173, 2012
 76. Vong LB, Tomita T, Yoshitomi T, Matsui H, Nagasaki Y. An orally administered redox nanoparticle that accumulates in the colonic mucosa and reduces colitis in mice. *Gastroenterology* 143(4):1027-1036 e1023, 2012
 77. Yamazaki T, Yasuda S, Uemura K, Matsumura A. New instrument for creating bone graft cavities for anterior cervical decompression and fusion: the anterior fusion spinal fork. *Neurol Med Chir (Tokyo)* 52(9):691-694, 2012
 78. Yasuoka K, Kumada H, Terunuma T, Sakae T. Future medical accelerator. IEEE(電子版):2152-2155, 2012
 79. Yoshitomi T, Nagasaki Y. Design and preparation of a nanoprobe for imaging inflammation sites. *Biointerphases* 7(1-4):7, 2012
 80. Yoshitomi T, Yamaguchi Y, Kikuchi A, Nagasaki Y. Creation of a blood-compatible surface: a novel strategy for suppressing blood activation and coagulation using a nitroxide radical-containing polymer with reactive oxygen species scavenging activity. *Acta Biomater* 8(3):1323-1329, 2012
 81. Yuan X, Fabregat D, Yoshimoto K, Nagasaki Y. Development of a high-performance immunolattice based on "soft landing" antibody immobilization mechanism. *Colloids Surf B Biointerphases* 99:45-52, 2012
 82. Yuan X, Fabregat D, Yoshimoto K, Nagasaki Y. High PEGylation efficiency of pentaethylenhexamine-end poly(ethylene glycol) (mPEG-N6) for active-ester surface. *Colloids Surf B Biointerphases* 92:25-29, 2012

b) 英文以外の論文

1. Aoki T, Ayuzawa S, Matsuo R, Hosoo H, Tanno S, Miki S, Matsubara T, Matsumura A. Laparoscopy-assisted ventriculoperitoneal and lumboperitoneal shunt surgery. *No Shinkei Geka* 40(6):511-517, 2012
2. 鮎澤 香, 川畑 徹, 宮本 俊男, 石川 由美香, 新井 励, 日高 響子, 福島 敬, 水本 斉志, 奥村 敏之, 櫻井 英幸. 【小児の診断と治療update】鎮静剤不要を目指した小児陽子線治療の

- 試み プレパレーションとトレーニングの効果. 臨床放射線 57(10):1339-1346, 2012
3. 石川仁. 第1章. 泌尿器科腫瘍:限局性前立腺がんの診断と治療 IV放射線療法. 日本泌尿器科学会 2012 年卒後教育テキスト 17:23-29, 2012
 4. 磯辺智範. 巻頭言 放射線防護対策チームの結成. 放射線防護分科会誌/日本放射線技術学会 34:1, 2012
 5. 磯辺智範, 森祐太郎, 榮武二, 松原孝祐, 五十嵐隆元. 臨床技術講座 放射線防護に関する説明のために必要な知識. 日本放射線技術学会雑誌 68:1419-1427, 2012
 6. 上村真生, 長崎幸夫. PEG 修飾希土類含有セラミックスナノ粒子による近赤外光バイオイメーキング. 未来材料 12(2):24-30, 2012
 7. 熊田博明. つくば国際戦略総合特区における次世代がん治療(BNCT)の開発実用化プロジェクトについて. バイオサイエンスとインダストリー 71:63-66, 2012
 8. 熊田博明, 松村明, 櫻井英幸. 放射線を利用した画像診断・治療の最前線 ホウ素中性子捕捉療法の最前線. 日本薬学会年会要旨集 132 年会(1):117, 2012
 9. 熊田博明, 松村明, 櫻井英幸, 榮武二, 吉岡正和, 小林仁, 松本浩, 鬼柳善明, 平賀富士夫, 柴田徳思, 中島宏. 加速器中性子源による BNCT の実現. 医学物理 32:19-20, 2012
 10. 熊田博明, 松村明, 櫻井英幸, 榮武二, 吉岡正和, 小林仁, 松本浩, 中島宏, 鬼柳善明. J-PARC 技術を応用した加速器ベース中性子捕捉療法用治療装置の開発. 医学物理 32:197, 2012
 11. 黒澤 裕司, 石川 仁, 星野 佳彦, 樋口 弘光, 小鹿野 友昭, 河村 英将, 加藤 弘之, 大竹 英則, 中野 隆史. Cone Beam CT を用いた前立腺がん強度変調放射線治療における Intra-fractional Motion の検討. 日本放射線技術学会雑誌 68(3):290-298, 2012
 12. Kurosawa Y, Ishikawa H, Hoshino Y, Higuchi H, Ogano T, Kawamura H, Kato H, Otake H, Nakano T. [intra-fractional set-up and organ motion errors in intensity-modulated radiation therapy for prostate cancer] cone beam ct を用いた前立腺がん強度変調放射線治療における intra-fractional motion の検討. Nihon Hoshasen Gijutsu Gakkai Zasshi 臨床技術 68:290-298, 2012
 13. 後藤周, 新開統子, 瓜田泰久, 藤代準, 小野健太郎, 増本幸二, 鈴木涼子, 福島敬, 水本齊志, 櫻井英幸. 仙骨原発 Ewing 肉腫に対し、陽子線治療前に腹腔鏡下仙骨前スケーサー挿入術を施行し、直腸への放射線障害の低減を図った 1 例. 日本小児血液・がん学会雑誌 49(3):409, 2012
 14. 志田晃一, 磯辺智範, 高田健太, 小林大輔, 只野喜一, 高橋英希, 関正志, 横田浩, 櫻井英幸, 榮武二. 医用線形加速装置撤去のための放射化の評価. 医学物理 31(2):33-39, 2012
 15. Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. Granular cell tumor of the neurohypophysis observed with hypoglycemic attack. No Shinkei Geka 40(8):2012
 16. 高野晋吾, 阿久津博義, 渡邊真哉, 松村明. カベルゴリン時代のプロラクチノーマの治療. 日本内分泌学会誌 88 Suppl: 42-43, 2012
 17. 田村剛一郎, 井原哲, 佐藤允之, 松村明. 脊髄係留解除術が有効であった鎖肛合併正常脊

- 髄円錐高位終糸脂肪腫の1例. 小児の脳神経 37(3):258-262, 2012
18. 津田恭治, 高野晋吾, 今井資, 松原鉄平, 阿久津博義, 松村明. 【脳幹部海綿状血管腫】 当院で経験した中脳海綿状血管腫3例に対する治療方針の検討. 脳卒中の外科 40(3):149-153, 2012
 19. 長崎幸夫. 生体適合性ポリエチレングリコール表面の構築. 高分子 61(2):77-82, 2012
 20. 福島敬, 小林千恵, 福島紘子, 鈴木涼子, 山口玲子, 中尾朋平, 小林和俊, 清谷知賀子, 矢野道広, 新妻秀剛, 金澤崇, 豊田秀実, 外松学, 福田邦夫, 小野林太郎, 増本幸二, 金子道夫, 水本斉志, 大城佳子, 櫻井英之, 須磨崎亮. 高リスク・再発神経芽腫に対する陽子線併用集学的治療の有効性について. 日本小児血液・がん学会雑誌 プログラム総会号: 244, 2012
 21. 松村明, 鶴嶋英夫. 脳梗塞, 神経・筋疾患の病態と診断・治療 (I). 医学と薬学 68(1) : 11-16, 2012
 22. 水本斉志, 櫻井英幸. 陽子線治療の効果と位置づけ. The Liver Cancer Journal 4:32-37, 2012
 23. 盛武敬. 平成23年度研究奨励助成金交付研究の紹介(2) 頭部IVR診断参考レベル設定のための実測による皮膚及び水晶体の多施設線量評価. 放射線影響学会放影協ニュース 72:4-6, 2012
 24. 安岡聖, 熊田博明, 照沼利之, 榮武二. PMRCの加速器BNCTにおける即発 γ 線spectプロトタイプの概念設計と製作について. 日本医学物理学会誌 32:301-302, 2012

c) 英文著書

1. Ikeda Y, Nagasaki Y. Chapter 4. PEGylation Technology in Nanomedicine; in "Advances in Polymer Science 247, Polymers in Nanomedicine" (edited by Kungi S, Yamaoka T), Springer (Heidelberg) 2012; pp115-140
2. Kiger 3rd WS, Kumada H. Chapter 16. Treatment planning; in "Neutron capture therapy principles and applications" (edited by Sauerwein W, Moss R, Wittig A, Nakagawa Y), Springer (Heidelberg) 2012; pp287-328
3. Nakamura H, Kirihata M. Boron Compounds: Chapter 7. New Candidates for Boron Carriers in BNCT; in "Neutron Capture Therapy –Principles and Applications" (edited by Sauerwein WAG, Wittig A, Moss R, Nakagawa Y), Springer (Heidelberg) 2012; pp99-116
4. Tsuruta W, Yamamoto T, Matsumura A. Chapter 30. Non-operative BNCT for GBM; in "Neutron Capture Therapy" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer (Heidelberg) 2012; pp513-520
5. Yamamoto T, Matsumura A. Chapter 20. Non-operative BNCT for GBM; in "Neutron Capture Therapy" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer (Heidelberg) 2012; pp377-388

d) 英文以外の著書

1. 磯辺智範. 第1章. 基礎医学大要; "3nd edition 診療放射線技師 ブルーノート 基礎編 (第3版)" (編集 福士政広), メジカルビュー社 (東京) 2012; pp1-254

2. 磯辺智範. Part1 MR 第1章. MR の成り立ち, 第3章. MR 現像から画像化まで, 第10章. アーチファクト, 第12章. そのほか知っておきたい知識 5. MRS, Part2 超音波 第1章. 超音波の基礎, Part3 眼底写真撮影 第1章. 眼底写真撮影の基礎; "MR・超音波・眼底基礎知識図解ノート (第1版(平成24年度著述賞))" (編集 磯辺智範), 金原出版 (東京) 2012; pp2-9, 32-47, 152-175, 207-211, 252-257, 362-364
3. 磯辺智範. 第1章. 放射線と放射能の基礎知識; "放射線医療技術(31) 図解放射線防護ミニマム基礎知識 (第1版)" (編集 五十嵐隆元), 日本放射線技術学会 (さいたま) 2012; pp1-21
4. 磯辺智範, 柴武二, 櫻井英幸. 第4章. 陽子線, 第5章. 陽子線; "Textbook of radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋), 日本放射線外科学会/MC メディカ出版 (大阪) 2012; pp44-50, 81-87
5. 大須賀覚, サンペトラオルテア, 松村明, 佐谷秀行. 連載 知っておきたい Cancer Stem Cell 第2回 脳腫瘍幹細胞と治療戦略; "Mebio 28(9)" メジカルビュー社 (東京) 2012; pp7-13
6. 櫻井英幸, 井上洋. 総論 6章. 放射線外科治療の注意事項、組織の耐容線量、合併症とその管理; "Textbook of Radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋, 日本放射線外科学会/MC), メディカ出版 (大阪) 2012; pp93-100
7. 長崎幸夫. 第3章 14節. ナノゲルによるピンポイント治療・診断システムへの展開; "先端バイオマテリアルハンドブック" (監修 秋吉一成, 石原一彦, 山岡哲二), エヌ・ティー・エス (東京) 2012; pp190-200
8. 長崎幸夫. ナノ粒子アシスト型がん化学療法の開発; "癌と人 (第39号)" (編集 公益財団法人大阪癌研究会), (大阪) 2012; pp51-52
9. 長崎幸夫, 堀口諭吉. 第3章 2-5. ガドリニウムフラーレンによる中性子捕捉療法; "2013 ナノカーボン技術大全 CD-ROM 版電子ジャーナル" Electric Journal 別冊 (東京) 2012
10. 橋本孝之, 櫻井英幸. 各論 7章. 腹部(26)肝臓; "Textbook of Radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋, 日本放射線外科学会/MC) メディカ出版 (大阪) 2012; pp238-242

ゲノム医科学

a)英文論文

1. Doki K, Homma M, Kuga K, Aonuma K, Kohda Y. CYP2D6 genotype affects age-related decline in flecainide clearance: a population pharmacokinetic analysis. *Pharmacogenet Genomics* 22(11):777-783, 2012
2. Fujita J, Kawaguchi M, Kokubu F, Ohara G, Ota K, Huang SK., Morishima Y, Ishii Y, Satoh H, Sakamoto T, Hizawa N. Interleukin-33 induces interleukin-17F in bronchial epithelial cells. *Allergy* 67(6):744-750, 2012
3. Furukawa H, Oka S, Shimada K, Rheumatoid Arthritis-Interstitial Lung Disease Study Consortium, Tsuchiya N, Tohma S. *HLA-A*31:01* and methotrexate-induced interstitial lung disease in Japanese rheumatoid arthritis patients: a multidrug hypersensitivity marker? *Ann Rheum Dis* doi: 10.1136/annrheumdis-2012-201944., 2012
4. Furukawa H, Oka S, Shimada K, Sugii S, Ohashi J, Matsui T, Ikenaka T, Nakayama H, Hashimoto A, Takaoka H, Arinuma Y, Okazaki Y, Futami H, Komiya A, Fukui N, Nakamura T, Migita K, Suda A, Nagaoka S, Tsuchiya N, Tohma S. Association of human leukocyte antigen with interstitial lung disease in rheumatoid arthritis: a protective role for shared epitope. *PLoS One* 7(5):e33133, 2012
5. Furuya T, Koga M, Hikami K, Kawasaki A, Tsuchiya N. Effects of *APRIL (TNFSF13)* polymorphisms and splicing isoforms on the secretion of soluble APRIL. *Mod Rheumatol* 22(4):541-549, 2012
6. Hasebe N, Kawasaki A, Ito I, Kawamoto M, Hasegawa M, Fujimoto M, Furukawa H, Tohma S, Sumida T, Takehara K, Sato S, Kawaguchi Y, Tsuchiya N. Association of *UBE2L3* polymorphisms with diffuse cutaneous systemic sclerosis in a Japanese population. *Ann Rheum Dis* 71(7):1259-1260, 2012
7. Hattori T, Konno S, Shigemura M, Matsuno K, Shimizu C, Shigehara K, Shijubo N, Hizawa N, Yamaguchi E, Nishimura M. Total serum IgE levels and atopic status in patients with sarcoidosis. *Allergy Asthma Proc* 33(1):90-94, 2012
8. Hijikata M, Shojima J, Matsushita I, Tokunaga K, Ohashi J, Hang NT, Horie T, Sakurada S, Hoang NP, Thuong PH, Lien LT, Keicho N. Association of *IFNGR2* gene polymorphisms with pulmonary tuberculosis among the Vietnamese. *Hum Genet* 131(5):675-682, 2012
9. Hirai Y, Iyoda M, Shibata T, Kuno Y, Kawaguchi M, Hizawa N, Matsumoto K, Wada Y, Kokubu F, Akizawa T. IL-17A stimulates granulocyte colony-stimulating factor production via ERK1/2 but not p38 or JNK in human renal proximal tubular epithelial cells. *Am J Physiol Renal Physiol* 302(2):F244-250, 2012
10. Hirayasu K, Ohashi J, Kashiwase K, Hananantachai H, Naka I, Ogawa A, Takanashi M, Satake M, Nakajima K, Parham P, Arase H, Tokunaga K, Patarapotikul J, Yabe T. Significant association of *KIR2DL3-HLA-C1* combination with cerebral malaria and implications for co-evolution of *KIR* and *HLA*. *PLoS Pathog* 8(3):e1002565, 2012

11. Hirota T, Takahashi A, Kubo M, Tsunoda T, Tomita K, Sakashita M, Yamada T, Fujieda S, Tanaka S, Doi S, Miyatake A, Enomoto T, Nishiyama C, Nakano N, Maeda K, Okumura K, Ogawa H, Ikeda S, Noguchi E, Sakamoto T, Hizawa N, Ebe K, Saeki H, Sasaki T, Ebihara T, Amagai M, Takeuchi S, Furue M, Nakamura Y, Tamari M. Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. *Nat Genet* 44(11):1222-1226, 2012
12. Hitomi Y, Adachi T, Tsuchiya N, Honda Z, Tokunaga K, Tsubata T. Human CD72 splicing isoform responsible for resistance to systemic lupus erythematosus regulates serum immunoglobulin level and is localized in endoplasmic reticulum. *BMC Immunol* 13:72, 2012
13. Hizawa N. Associating serum biomarkers with genetic susceptibility to chronic obstructive pulmonary disease: a step towards improved diagnosis and therapy? *Am J Respir Crit Care Med* 186(12):1201-1202, 2012
14. Hizawa N. The search for genetic links in NSAID-induced acute urticaria and the arachidonic acid pathway. *Clin Exp Allergy* 42(12):1660-1663, 2012
15. Honda K. The Ashikaga case of Japan-Y-STR testing used as the exculpatory evidence to free a convicted felon after 17.5 years in prison. *Forensic Sci Int Genet* doi: 10.1016/j.fsigen.2012.07.004., 2012
16. Horiuchi Y, Iida S, Koga M, Ishiguro H, Iijima Y, Inada T, Watanabe Y, Someya T, Ujike H, Iwata N, Ozaki N, Kunugi H, Tochigi M, Itokawa M, Arai M, Niizato K, Iritani S, Kakita A, Takahashi H, Nawa H, Arinami T. Association of SNPs linked to increased expression of SLC1A1 with schizophrenia. *Am J Med Genet B Neuropsychiatr Genet* 159B(1):30-37, 2012
17. Iijima H, Kaneko Y, Yamada H, Yatagai Y, Masuko H, Sakamoto T, Naito T, Hirota T, Tamari M, Konno S, Nishimura M, Noguchi E, Hizawa N. A distinct sensitization pattern associated with asthma and the thymic stromal lymphopoietin (TSLP) genotype. *Allergol Int* doi: 10.2332/allergolint.12-OA-0488., 2012
18. Japanese Archipelago Human Population Genetics Consortium, Jinam T, Nishida N, Hirai M, Kawamura S, Oota H, Umetsu K, Kimura R, Ohashi J, Tajima A, Yamamoto T, Tanabe H, Mano S, Suto Y, Kaname T, Naritomi K, Yanagi K, Niikawa N, Omoto K, Tokunaga K, Saitou N. The history of human populations in the Japanese Archipelago inferred from genome-wide SNP data with a special reference to the Ainu and the Ryukyuan populations. *J Hum Genet* 57(12):787-795, 2012
19. Kaminiwa J, Honda K, Sugano Y, Yano S, Nishi T, Sekine Y. Vanadium accelerates polymerase chain reaction and expands the applicability of forensic DNA testing. *J Forensic Leg Med* doi: 10.1016/j.jflm.2012.09.006., 2012
20. Kanashiki M, Tomizawa T, Yamaguchi I, Kurishima K, Hizawa N, Ishikawa H, Kagohashi K, Satoh H. Volume doubling time of lung cancers detected in a chest radiograph mass screening program: Comparison with CT screening. *Oncol Lett* 4(3):513-516, 2012
21. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Hizawa N. The opposite effect of the *CCL5* gene on asthma and baseline FEV(1) in nonasthmatic healthy adults. *Allergol Int* 61(1):177-178,

2012

22. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Yatagai Y, Yamada H, Konno S, Nishimura M, Noguchi E, Hizawa N. Asthma phenotypes in Japanese adults - their associations with the *CCL5* and *ADRB2* genotypes. *Allergol Int* doi: 10.2332/allergolint.12-OA-0467., 2012
23. Kawasaki A, Furukawa H, Kondo Y, Ito S, Hayashi T, Kusaoi M, Matsumoto I, Tohma S, Takasaki Y, Hashimoto H, Sumida T, Tsuchiya N. Association of *PHRF1-IRF7* region polymorphism with clinical manifestations of systemic lupus erythematosus in a Japanese population. *Lupus* 21(8):890-895, 2012
24. Kawashima M, Ohashi J, Nishida N, Tokunaga K. Evolutionary analysis of classical HLA class I and II genes suggests that recent positive selection acted on *DPB1*04:01* in Japanese population. *PLoS One* 7(10):e46806, 2012
25. Konno S, Hizawa N, Fukutomi Y, Taniguchi M, Kawagishi Y, Okada C, Tanimoto Y, Takahashi K, Akasawa A, Akiyama K, Nishimura M. The prevalence of rhinitis and its association with smoking and obesity in a nationwide survey of Japanese adults. *Allergy* 67(5):653-660, 2012
26. Naka I, Hikami K, Nakayama K, Koga M, Nishida N, Kimura R, Furusawa T, Natsuhara K, Yamauchi T, Nakazawa M, Ataka Y, Ishida T, Inaoka T, Iwamoto S, Matsumura Y, Ohtsuka R, Tsuchiya N, Ohashi J. A functional SNP upstream of the beta-2 adrenergic receptor gene (*ADRB2*) is associated with obesity in Oceanic populations. *Int J Obes* doi: 10.1038/ijo.2012.206, 2012
27. Naka I, Ohashi J, Kimura R, Furusawa T, Yamauchi T, Nakazawa M, Natsuhara K, Ataka Y, Nishida N, Ishida T, Inaoka T, Matsumura Y, Ohtsuka R. DRD4 VNTR polymorphism in Oceanic populations. *Anthropol Sci* 12:151-155, 2012
28. Nakamura H, Satoh H, Kaburagi T, Nishimura Y, Shinohara Y, Inagaki M, Endo T, Saito T, Hayashihara K, Hizawa N, Kurishima K, Nawa T, Kagohashi K, Kishi K, Ishikawa H, Ichimura H, Hashimoto T, Sato Y, Sakai M, Kamiyama K, Matsumura T, Unoura K, Furukawa K. Bevacizumab-containing chemotherapy for non-small cell lung cancer patients: a population-based observational study by the Ibaraki thoracic integrative (POSITIVE) research group. *Med Oncol* 29(5):3202-3206, 2012
29. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012
30. Nakazawa K, Kurishima K, Tamura T, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Specific organ metastases and survival in small cell lung cancer. *Oncol Lett* 4(4):617-620, 2012
31. Ohara G, Kurishima K, Nakazawa K, Kawaguchi M, Kagohashi K, Ishikawa H, Hizawa N, Satoh H. Age-dependent decline in renal function in patients with lung cancer. *Oncol Lett* 4(1):38-42, 2012
32. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Serum levels of cystatin C in elderly lung cancer patients. *Oncol Lett* 3(2):303-306, 2012

33. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Safety creatinine clearance level for platinum chemotherapy in lung cancer patients. *Oncol Lett* 3(2):311-314, 2012
34. Oka S, Furukawa H, Kashiwase K, Tsuchiya N, Tohma S. Identification of a novel HLA allele, *HLA-DQB1*06:51*, in a Japanese rheumatoid arthritis patient. *Tissue Antigens* 80(4):386-387, 2012
35. Ono M, Hamada Y, Horiuchi Y, Matsuo-Takasaki M, Imoto Y, Satomi K, Arinami T, Hasegawa M, Fujioka T, Nakamura Y, Noguchi E. Generation of induced pluripotent stem cells from human nasal epithelial cells using a Sendai virus vector. *PLoS One* 7(8):e42855, 2012
36. Onuma H, Tohyama M, Imagawa A, Hanafusa T, Kobayashi T, Kano Y, Ohashi J, Hashimoto K, Osawa H, Makino H, Japan Diabetes Society Committee on Type 1 Diabetes Mellitus Research, Japanese Dermatological Association. High frequency of *HLA B62* in fulminant type 1 diabetes with the drug-induced hypersensitivity syndrome. *J Clin Endocrinol Metab* 97(12):E2277-2281, 2012
37. Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)* 52(4):186-193, 2012
38. Oyane A, Wang X, Sogo Y, Ito A, Tsurushima H. Calcium phosphate composite layers for surface-mediated gene transfer. *Acta Biomater* 8(6):2034-2046, 2012
39. Oyane A, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4):1011-1019, 2012
40. Saito M, Kamoda T, Nishimura K, Miyazono Y, Kanai Y, Kato Y, Iwabuchi A, Fukushima H, Hamada H, Arinami T, Sumazaki R, Noguchi E. Association of adiponectin polymorphism with cord blood adiponectin concentrations and intrauterine growth. *J Hum Genet* 57(2):109-114, 2012
41. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4):194-201, 2012
42. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
43. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vasc Surg* 55(2):506-516, 2012
44. Tomita K, Sakashita M, Hirota T, Tanaka S, Masuyama K, Yamada T, Fujieda S, Miyatake A, Hizawa N, Kubo M, Nakamura Y, Tamari M. Variants in the 17q21 asthma susceptibility locus

- are associated with allergic rhinitis in the Japanese population. *Allergy* doi: 10.1111/all.12066., 2012
45. Tsuchiya N. Genetics of ANCA-associated vasculitis in Japan: a role for *HLA-DRB1*09:01* haplotype. *Clin Exp Nephrol* 2012 Nov 23. [Epub ahead of print]
 46. Uezato A, Kimura-Sato J, Yamamoto N, Iijima Y, Kunugi H, Nishikawa T. Further evidence for a male-selective genetic association of synapse-associated protein 97 (*SAP97*) gene with schizophrenia. *Behav Brain Funct* 8:2, 2012
 47. Watanabe Y, Egawa J, Iijima Y, Nunokawa A, Kaneko N, Shibuya M, Arinami T, Ujike H, Inada T, Iwata N, Tochigi M, Kunugi H, Itokawa M, Ozaki N, Hashimoto R, Someya T. A two-stage case-control association study between the tryptophan hydroxylase 2 (*TPH2*) gene and schizophrenia in a Japanese population. *Schizophr Res* 137(1-3):264-266, 2012
 48. Yamadori T, Ishii Y, Homma S, Morishima Y, Kurishima K, Itoh K, Yamamoto M, Minami Y, Noguchi M, Hizawa N. Molecular mechanisms for the regulation of Nrf2-mediated cell proliferation in non-small-cell lung cancers. *Oncogene* 31(45):4768-4777, 2012
 49. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13:online published 064204(064208pp), 2012
 50. Yoshida M, Shiomiwa K, Mouri K, Ishiguro H, Supriyanto I, Ratta-Apha W, Eguchi N, Okazaki S, Sasada T, Fukutake M, Hashimoto T, Inada T, Arinami T, Shirakawa O, Hashimoto A. Haplotypes in the expression quantitative trait locus of interleukin-1 β gene are associated with schizophrenia. *Schizophr Res* 140(1-3):185-191, 2012

b) 英文以外の論文

1. 大橋順. Extended Haplotype Homozygosity (EHH)を用いる正の自然選択検出法の検出力比較. 統計数理 60:317-325, 2012
2. 沼田岳士, 児玉孝秀, 山田英恵, 佐藤信也, 小川良子, 本間晋介, 栗島浩一, 坂本透, 酒井光昭, 佐藤幸夫, 南優子, 檜澤伸之. 縦隔リンパ節腫脹から気管内浸潤と心嚢水貯留をきたした肺クリプトコッカス症の1例. 気管支学 34(5):456-461, 2012
3. 藤田純一, 川口未央, 太田恭子, 小川良子, 本間晋介, 栗島浩一, 森島祐子, 石井幸雄, 坂本透, 佐藤浩昭, 大塚盛男, 岸厚次, 中村博幸, 大石修司, 檜澤伸之. 茨城県における喘息診療の実態調査. 専門医、非専門医間の比較. アレルギー・免疫 19(6):960-967, 2012
4. 山田英恵, 小川良子, 清水圭, 沼田岳士, 佐藤信也, 本間晋介, 栗島浩一, 南優子, 坂本透, 檜澤伸之. 両側多発肺結節および気管支内腔に多発ポリープを呈したシェーグレン症候群合併悪性リンパ腫の1例. 気管支学 34(1):64-70, 2012

分子スポトロジー

a) 英文論文

1. Date A, Yamagata K, Onizawa K, Yanagawa T, Karube R, Ishibashi N, Bukawa H. Inflammatory pseudotumor: report of a case in the mandible. *Oral Maxillofac Surg* 16(1):65-68, 2012
2. Eto M, Ohkawara K, Sasai H, Tsujimoto T, So R, Matsuo T, Ohkubo H, Tanaka K. Efficiency of a free-living physical activity promotion program following diet modification for fat loss in Japanese obese men. *J Nutr Sci Vitaminol (Tokyo)* 58(6):384-392, 2012
3. Goto M, Onizawa K, Yanagawa T, Yamagata K, Shinozuka K, Nishikii H, Koganemaru H, Chiba S, Bukawa H. Human immunodeficiency virus-associated Burkitt's lymphoma in oral cavity of Japanese patient. *J Oral Maxillofac Surg* 70(8):1885-1890, 2012
4. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 29, 7-10, 2012
5. Hotta K, Kitamoto A, Kitamoto T, Mizusawa S, Teranishi H, Matsuo T, Nakata Y, Hyogo H, Ochi H, Nakamura T, Kamohara S, Miyatake N, Kotani K, Komatsu R, Itoh N, Mineo I, Wada J, Yoneda M, Nakajima A, Funahashi T, Miyazaki S, Tokunaga K, Masuzaki H, Ueno T, Chayama K, Hamaguchi K, Yamada K, Hanafusa T, Oikawa S, Yoshimatsu H, Sakata T, Tanaka K, Matsuzawa Y, Nakao K, Sekine A. Genetic variations in the CYP17A1 and NT5C2 genes are associated with a reduction in visceral and subcutaneous fat areas in Japanese women. *J Hum Genet* 57(1):46-51, 2012
6. Hotta K, Kitamoto A, Kitamoto T, Mizusawa S, Teranishi H, So R, Matsuo T, Nakata Y, Hyogo H, Ochi H, Nakamura T, Kamohara S, Miyatake N, Kotani K, Itoh N, Mineo I, Wada J, Yoneda M, Nakajima A, Funahashi T, Miyazaki S, Tokunaga K, Masuzaki H, Ueno T, Chayama K, Hamaguchi K, Yamada K, Hanafusa T, Oikawa S, Sakata T, Tanaka K, Matsuzawa Y, Nakao K, Sekine A. Replication study of 15 recently published Loci for body fat distribution in the Japanese population. *J Atheroscler Thromb* 20(4):336-350, 2013, Epub 2012 Dec 7.
7. Hotta K, Kitamoto A, Kitamoto T, Mizusawa S, Teranishi H, So R, Matsuo T, Nakata Y, Hyogo H, Ochi H, Nakamura T, Kamohara S, Miyatake N, Kotani K, Komatsu R, Itoh N, Mineo I, Wada J, Yoneda M, Nakajima A, Funahashi T, Miyazaki S, Tokunaga K, Masuzaki H, Ueno T, Chayama K, Hamaguchi K, Yamada K, Hanafusa T, Oikawa S, Yoshimatsu H, Sakata T, Tanaka K, Matsuzawa Y, Nakao K, Sekine A. Association between type 2 diabetes genetic susceptibility loci and visceral and subcutaneous fat area as determined by computed tomography. *J Hum Genet* 57(5):305-310, 2012
8. Ishibashi N, Yamagata K, Sasaki H, Seto K, Shinya Y, Ito H, Shinozuka K, Yanagawa T, Onizawa K, Bukawa H. Real-time tissue elastography for the diagnosis of lymph node metastasis in oral squamous cell carcinoma. *Ultrasound Med Biol* 38(3):389-395, 2012
9. Ishibashi N, Yanagawa T, Yamagata K, Karube R, Shinozuka K, Nagata C, Noguchi M, Onizawa K, Bukawa H. Basal cell adenoma arising in a minor salivary gland of the palate. *Oral Maxillofac*

Surg 16(1):111-114, 2012

10. Ishii T, Warabi E, Yanagawa T. Novel roles of peroxiredoxins in inflammation, cancer and innate immunity. *J Clin Biochem Nutr* 50(2):91-105, 2012
11. Iwamoto J, Saito Y, Honda A, Ikegami T, Mizokami Y, Matsuzaki Y. Clinical feature of a small intestinal mucosal injury in chronic NSAID users in Japan. *J Gastrointest Liver Dis* 21(1):108-109, 2012
12. Karube R, Sasaki H, Shinozuka K, Fujisawa Y, Yanagawa T, Yamagata K, Onizawa K, Otsuka F, Bukawa H. Angiosarcoma of the scalp diagnosed by the presence of neck inflammation: a case report. *Int J Oral Sci* 4(3):166-169, 2012
13. Karube R, Sasaki H, Togashi S, Yanagawa T, Nakane S, Ishibashi N, Yamagata K, Onizawa K, Adachi K, Tabuchi K, Sekido M, Bukawa H. A novel method for evaluating postsurgical results of unilateral cleft lip and palate with the use of Hausdorff distance: presurgical orthopedic treatment improves nasal symmetry after primary cheiloplasty. *Oral Surg Oral Med Oral Pathol Oral Radiol* 114(6):704-711, 2012
14. Kishida M, Shoda J, et al. Orexin 2 receptor as a potential target for the immunotoxin and antibody-drug conjugate cancer therapy. *Oncol Lett* 55:953-964, 2012
15. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7):779-784, 2012
16. Matsuo T, Nakata Y, Murotake Y, Hotta K, Tanaka K. Effects of FTO genotype on weight loss and metabolic risk factors in response to calorie restriction among Japanese women. *Obesity (Silver Spring)* 20(5):1122-1126, 2012
17. Matsuo T, Ohkawara K, Seino S, Shimojo N, Yamada S, Ohshima H, Tanaka K, Mukai C. An exercise protocol designed to control energy expenditure for long-term space missions. *Aviat Space Environ Med* 83(8):783-789, 2012
18. Matsuo T, Ohkawara K, Seino S, Shimojo N, Yamada S, Ohshima H, Tanaka K, Mukai C. Cardiorespiratory fitness level correlates inversely with excess post-exercise oxygen consumption after aerobic-type interval training. *BMC Res Notes* 5:646, 2012
19. Nemoto M, Yabushita N, Kim M, Matsuo T, Seino S, Songee J, Sasai H, Tanaka K. Validity of the bioelectrical impedance method for assessing body composition in non-frail and pre-frail older adults. *Int J Body Compos Res* 10(2):55, 2012
20. Nemoto M, Yabushita N, Kim MJ, Matsuo T, Seino S, Tanaka K. Assessment of vulnerable older adults' physical function according to the Japanese Long-Term Care Insurance (LTCI) system and Fried's criteria for frailty syndrome. *Arch Gerontol Geriatr* 55(2):385-391, 2012
21. Numao S, Sasai H, Nomata Y, Matsuo T, Eto M, Tsujimoto T, Tanaka K. Effects of exercise training on circulating retinol-binding protein 4 and cardiovascular disease risk factors in obese men. *Obes Facts* 5(6):845-855, 2012
22. Okada K, Ma D, Warabi E, Morito N, Akiyama K, Murata Y, Yamagata K, Bukawa H, Shoda J, Ishii T, Yanagawa T. Amelioration of cisplatin-induced nephrotoxicity in peroxiredoxin I-deficient

- mice. *Cancer Chemother Pharmacol* doi: 10.1007/s00280-012-2046-0., 2012
23. Okada K, Warabi E, Sugimoto H, Horie M, Gotoh N, Tokushige K, Hashimoto E, Utsunomiya H, Takahashi H, Ishii T, Yamamoto M, Shoda J. Deletion of Nrf2 leads to rapid progression of steatohepatitis in mice fed atherogenic plus high-fat diet. *J Gastroenterol* doi: 10.1007/s00535-012-0659-z., 2012
 24. Okada K, Warabi E, Sugimoto H, Horie M, Tokushige K, Ueda T, Harada N, Taguchi K, Hashimoto E, Itoh K, Ishii T, Utsunomiya H, Yamamoto M, Shoda J. Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. *J Gastroenterol* 47(8):924-935, 2012
 25. Okamoto Y, Okamoto T, Yuka K, Hirano Y, Isobe T, Minami M. Correlation between pennation angle and image quality of skeletal muscle fibre tractography using deterministic diffusion tensor imaging. *J Med Imaging Radiat Oncol* 56(6):622-627, 2012
 26. Onuki K, Shoda J, Kawamoto T, Ariizumi S, Yamamoto M. Expression of N-acetylglucosaminyltransferase V in intrahepatic cholangiocarcinoma and its association with clinical findings. *Tokyo Joshi Ikadaigaku Zasshi* 82:62-69, 2012
 27. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012
 28. Saotome K, Ishimori Y, Isobe T, Satou E, Shinoda K, Ookubo J, Hirano Y, Oosuka S, Matsushita A, Miyamoto K, Sankai Y. Comparison of diffusion tensor imaging-derived fractional anisotropy in multiple centers for identical human subjects. *Nihon Hoshasen Gijutsu Gakkai Zasshi* 68(9):1242-1249, 2012
 29. Sasaki H, Togashi S, Karube R, Yanagawa T, Nakane S, Tabuchi K, Ishibashi N, Shinya Y, Ito H, Yamagata K, Onizawa K, Adachi K, Sekido M, Bukawa H. Presurgical nasoalveolar molding orthopedic treatment improves the outcome of primary cheiloplasty of unilateral complete cleft lip and palate, as assessed by naris morphology and cleft gap. *J Craniofac Surg* 23(6):1596-1601, 2012
 30. Sasaki K, Adachi K, Sekido M. Transverse fascial suspension with muscle bow traction: Advantages for full-thickness lip reconstruction involving the oral commissure using free flap. *J Plast Reconstr Aesthet Surg* 65:e193-196, 2012
 31. Sasaki K, Yamamoto N, Kiyosawa T, Sekido M. The role of collagen arrangement change during tendon healing demonstrated by scanning electron microscopy. *J Electron Microscop (Tokyo)* 61(5):327-334, 2012
 32. Seino S, Kim MJ, Yabushita N, Nemoto M, Jung S, Osuka Y, Okubo Y, Matsuo T, Tanaka K. Is a composite score of physical performance measures more useful than usual gait speed alone in assessing functional status? *Arch Gerontol Geriatr* 55(2):392-398, 2012
 33. Seino S, Yabushita N, Kim MJ, Nemoto M, Jung S, Osuka Y, Okubo Y, Matsuo T, Tanaka K. Comparison of a combination of upper extremity performance measures and usual gait speed alone for discriminating upper extremity functional limitation and disability in older women. *Arch*

Gerontol Geriatr 55(2):486-491, 2012

34. Shichita T, Hasegawa E, Kimura A, Morita R, Sakaguchi R, Takada I, Sekiya T, Ooboshi H, Kitazono T, Yanagawa T, Ishii T, Takahashi H, Mori S, Nishibori M, Kuroda K, Akira S, Miyake K, Yoshimura A. Peroxiredoxin family proteins are key initiators of post-ischemic inflammation in the brain. *Nat Med* 18(6):911-917, 2012
35. Shoda J, Ishige K, Sugiyama H, Kawamoto T. Biliary tract carcinoma: clinical perspectives on molecular targeting strategies for therapeutic options. *J Hepatobiliary Pancreat Sci* 19(4):342-353, 2012
36. So R, Matsuo T, Sasai H, Eto M, Tsujimoto T, Saotome K, Tanaka K. Best single-slice measurement site for estimating visceral adipose tissue volume after weight loss in obese, Japanese men. *Nutr Metab (Lond)* 9:56, 2012
37. So R, Sasai H, Matsuo T, Tsujimoto T, Eto M, Saotome K, Tanaka K. Multiple-slice magnetic resonance imaging can detect visceral adipose tissue reduction more accurately than single-slice imaging. *Eur J Clin Nutr* 66(12):1351-1355, 2012
38. So R, Sasai H, Matsuo T, Tsujimoto T, Eto M, Saotome K, Tanaka K. Visceral adipose tissue volume estimated at imaging sites 5-6 cm above L4-L5 is optimal for predicting cardiovascular risk factors in obese Japanese men. *Tohoku J Exp Med* 227(4):297-305, 2012
39. Sugano K, Kontani T, Katsuo S, Takei Y, Sakaki N, Ashida K, Mizokami Y, Asaka M, Matsui S, Kanto T, Soen S, Takeuchi T, Hiraishi H, Hiramatsu N. Lansoprazole for secondary prevention of gastric or duodenal ulcers associated with long-term non-steroidal anti-inflammatory drug (NSAID) therapy: results of a prospective, multicenter, double-blind, randomized, double-dummy, active-controlled trial. *J Gastroenterol* 47(5):540-552, 2012
40. Togashi S, Sekido M. A technique to improve the geometric and unnatural appearance of the inferior triangular flap in primary unilateral cleft lip repair. *Plast Reconstr Surg* 129(4):746e-748e, 2012
41. Tsujimoto T, Sairenchi T, Iso H, Irie F, Yamagishi K, Tanaka K, Muto T, Ota H. Impact of obesity on incident hypertension independent of weight gain among nonhypertensive Japanese: the Ibaraki Prefectural Health Study (IPHS). *J Hypertens* 30(6):1122-1128, 2012
42. Tsujimoto T, Sasai H, Miyashita M, Eto M, So R, Ohkubo H, Tanaka K. Effect of weight loss on maximal fat oxidation rate in obese men. *Obes Res Clin Pract* 6:e1-e19, 2012
43. Uchida F, Uzawa K, Kasamatsu A, Takatori H, Sakamoto Y, Ogawara K, Shiiba M, Tanzawa H, Bukawa H. Overexpression of cell cycle regulator CDCA3 promotes oral cancer progression by enhancing cell proliferation with prevention of G1 phase arrest. *BMC Cancer* 12(1):321, 2012
44. Uzawa K, Baba T, Uchida F, Yamatoji M, Kasamatsu A, Sakamoto Y, Ogawara K, Shiiba M, Bukawa H, Tanzawa H. Circulating tumor-derived mutant mitochondrial DNA: a predictive biomarker of clinical prognosis in human squamous cell carcinoma. *Oncotarget* 3(7):670-677, 2012
45. Yamagata K, Arai C, Sasaki H, Takeuchi Y, Onizawa K, Yanagawa T, Ishibashi N, Karube R, Shinozuka K, Hasegawa Y, Chiba S, Bukawa H. The effect of oral management on the severity of oral mucositis during hematopoietic SCT. *Bone Marrow Transplant* 47(5):725-730, 2012

46. Yamamoto Y, Yamada T, Akutsu D, Sugaya A, Murashita T, Matsuda K, Yamamoto Y, Kusakabe R, Kaneko T, Suzuki H, Hyodo I, Sato T, Takayashiki N, Murakoshi N, Hara K, Mizokami Y. Collagenous sprue diagnosed by double balloon endoscopy. *Dig Endosc* doi: 10.1111/den.12007. , 2012
47. Yamanashi Y, Takada T, Shoda J, Suzuki H. Novel function of Niemann-Pick C1-like 1 as a negative regulator of Niemann-Pick C2 protein. *Hepatology* 55(3):953-964, 2012
48. Yanagisawa R, Warabi E, Inoue K, Yanagawa T, Koike E, Ichinose T, Takano H, Ishii T. Peroxiredoxin I null mice exhibits reduced acute lung inflammation following ozone exposure. *J Biochem* 152(6):595-601, 2012

b) 英文以外の論文

1. 會沢哲士, 芳賀康史, 富樫真二, 中山凱夫, 関堂充. われわれが経験した合趾症手術例の検討. 日本形成外科学会会誌 32(7):450-457, 2012
2. 赤澤俊文, 関堂充, 佐々木薫, 足立孝二, 坂東裕子. 筑波大学における乳房再建外来新設の効果. 日本形成外科学会会誌 32(12):887-891, 2012
3. 磯辺智範, 森祐太郎, 柴武二, 松原孝祐, 五十嵐隆元. 放射線防護に関する説明のために必要な知識. 日本放射線技術学会雑誌 68(10):1419-1427, 2012
4. 岩本淳一, 溝上裕士. 【高齢者消化管疾患の特徴】 高齢者非腫瘍性疾患の特徴 胃潰瘍. 胃と腸 47(12):1811-1817, 2012
5. 江藤綾乃, 佐々木薫, 富樫真二, 會沢哲士, 関堂充. 小耳症助軟骨移植後の軟骨露出に対する陰圧閉鎖療法の有用性. 日本形成外科学会会誌 32(9):686-689, 2012
6. 江藤幹, 笹井浩行, 辻本健彦, 蘇リナ, 松尾知明, 大久保寛之, 大河原一憲, 田中喜代次. 減量プログラム中の身体活動量がその後の腹部内臓脂肪の再増加に及ぼす影響. 肥満研究 18(1):52-60, 2012
7. 江藤幹, 笹井浩行, 松尾知明, 片山靖富, 大久保寛之, 中田由夫, 田中喜代次. 食事改善または運動実践が肥満男性の活力年齢に及ぼす影響. 健康支援 14(1):13-23, 2012
8. 大久保寛之, 笹井浩行, 中田由夫, 片山靖富, 田中喜代次. 過体重および肥満男性を対象とした形態体力体組成および超音波骨指標を用いた骨密度推定式開発の試み. 体力科学 61(2):243-250, 2012
9. 大須賀洋祐, 藪下典子, 金美芝, 清野諭, 鄭松伊, 大久保善郎, 根本みゆき, 松尾知明, 田中喜代次. 高齢女性における高次生活機能の階層性と強度別身体活動量との関連 地域支援事業参加者を対象とした横断研究. 体力科学 61(3):327-334, 2012
10. 大須賀洋祐, 藪下典子, 金美芝, 清野諭, 松尾知明, 大久保善郎, 根本みゆき, 鄭松伊, 大藏倫博, 田中喜代次. 身体的虚弱が疑われる低体力と運動量の関係: 地域在住高齢女性を対象とした横断研究. 体育学研究 57(1):9-19, 2012
11. 金山琢磨, 大和地正信, 柳川徹, 篠塚啓二, 佐々木裕芳, 生井友農, 廣畠広実, 山縣憲司, 鬼澤浩司郎, 武川寛樹. 気道管理を要した口腔蜂窩織炎の 3 例. 茨城県歯科医学会誌 20:14-15, 2012

12. 川井啓太, 関堂充, 佐々木薫, 足立孝二, 富樫真二. 乳房再建における移植床血管としての胸背動静脈前鋸筋枝の有用性. 日本マイクロサージャリー学会会誌 25(4):201-206, 2012
13. 向後佑香, 坂本昭裕, 大森肇, 山田幸雄, 本間三和子, 平山素子, 鍋山隆弘, 榎本靖士, 安藤真太郎, 門野洋介, 山田永子, 村瀬陽介, 桐生習作. 大学体育が大学一年生のメンタルヘルスに及ぼす影響. 大学体育研究 34:39-45, 2012
14. 小林友哉, 玉田崇和, 足立孝二, 関堂充. 保存的治療で軽快した *Vibrio vulnificus* 感染症の1例. 日本形成外科学会会誌 32(7):486-488, 2012
15. 榎信廣, 蘆田潔, 溝上裕士, 菅野健太郎. 【低用量アスピリンによる消化管粘膜傷害研究の進歩】低用量アスピリンの長期投与時にみられる胃・十二指腸潰瘍に対するランソプラゾールの抑制効果. 消化器内科 55(3):311-316, 2012
16. 佐々木薫, 足立孝二, 棚倉健太, 富樫真二, 関堂充. 手術点数から算定したチームサージャリーにおける形成外科の貢献 2010 年度保険診療点数改正の影響. 日本形成外科学会会誌 32(8):542-547, 2012
17. 佐々木薫, 久保諭, 関堂充, 清澤智晴, 武石明精. 血管吻合が有効であった手掌デグロージング損傷の1例. 日本形成外科学会会誌 32(11):841-845, 2012
18. 佐藤巳喜夫, 海老原次男, 松尾亮太, 佐々木亮孝, 大河内信弘, 森下由起雄, 野口雅之, 正田純一, 兵頭一之介. 総胆管結石内視鏡治療1年後に発見された上部胆管早期癌の1例. 胆道 26:749-755, 2012
19. 塩生有希, 篠塚啓二, 鬼澤浩司郎, 武内保敏, 内田文彦, 瀬戸佳穂里, 山縣憲司, 柳川徹, 武川寛樹. 再建を伴わない下顎骨区域切除術にて対応したビスフォスフォネート製剤関連顎骨壊死の2例. 茨城県歯科医学会誌 20:12, 2012
20. 志田晃一, 磯辺智範, 高田健太, 小林大輔, 只野喜一, 高橋英希, 関正志, 横田浩, 櫻井英幸, 榮武二. 医用線形加速装置撤去のための放射化の評価. 医学物理 31(2):33-39, 2012
21. 鈴木英雄. 炎症性腸疾患-生物製剤の功罪-. *Ulcer Research* 39(1):85-88, 2012
22. 鈴木英雄, 溝上裕士, 奈良坂俊明, 金子剛, 兵頭一之介. 【*Helicobacter pylori* 感染率と酸関連疾患スペクトラムの変動】消化性潰瘍 薬剤性潰瘍. *Helicobacter Research* 16(6):508-512, 2012
23. 鈴木英雄, 溝上裕士, 兵頭一之介. 過敏性腸症候群. 医学と薬学 68(6):939-943, 2012
24. 関堂充, 足立孝二, 佐々木薫, 富樫真二, 斉藤亮, 古川洋志, 山本有平. 【舌・口腔癌切除後の再建法の標準化に向けて-私の推奨する方法-】舌亜全摘以上の欠損に対する機能的再建法. 形成外科 55(1):23-29, 2012
25. 関堂充, 富樫真二. 【研修医・外科系医師が知っておくべき形成外科の基本知識と手技】形成外科的縫合法の理論と実際 死腔、血腫の防止 陰圧吸引ドレーンの適応と抜去時期. 形成外科 55(増刊):S36-S40, 2012
26. 武内保敏, 後藤麻希子, 鬼澤浩司郎, 山縣憲司, 柳川徹, 武川寛樹. 抗血栓療法継続下にインプラント治療を行った5例の検討. 日本先進インプラント医療学会誌 3(1):45-47, 2012
27. 田中喜代次, 大藏倫博, 小林裕幸. 運動による生活習慣病と認知症への対応. *MEDICINA* 9:87-94, 2012

28. 田中喜代次, 笹井浩行, 江藤幹, 辻本健彦, 鄭松伊, 蘇リナ, 大須賀洋祐, 根本みゆき, 清野諭. ボウリングを習慣化する中高年男女の活力年齢. 筑波大学体育科学系紀要 35:73-80, 2012
29. 辻大士, 尹智暎, 三ツ石泰大, 染谷典子, 小澤多賀子, 大藏倫博, 田中喜代次. 地域在住高齢者における全身振動機器を使用した静的なアクセラレーショントレーニングの有効性. 体力科学 61(2):211-219, 2012
30. 辻本健彦, 笹井浩行, 江藤幹, 蘇リナ, 野又康博, 田中喜代次. 肥満男性におけるメタボリックシンドローム構成因子と中高強度活動時間および身体不活動時間の関連. 肥満研究 19(1):52-59, 2013
31. 寺邊健人, 伊藤寛之, 鬼澤浩司郎, 福澤智, 青野淳子, 米本芽衣, 篠塚啓二, 山縣憲司, 柳川徹, 武川寛樹. 化学放射線療法途中で治療中止となった高齢者進展口腔癌の 2 例. 茨城県歯科医学会誌 20:39-40, 2012
32. 中塘二三生, 溝畑潤, 大河原一憲, 金憲経, 高谷竜三, 田中喜代次. Bioelectrical Impedance 法による高齢女性の筋肉量の評価. 大阪体育学研究 50:11-19, 2012
33. 奈良坂俊明, 鈴木英雄, 溝上裕士, 三浦雅人. 結核性腹膜炎に合併し大腸内視鏡検査にて発見した鞭虫症の 1 例. Clinical Parasitology 23(1):29-31, 2012
34. 野又康博, 松尾知明, 江藤幹, 辻本健彦, 蘇リナ, 室武由香子, 田中喜代次. 減量介入研究における血清リポタンパク粒子径と HDL 亜分画コレステロール測定の意味. 肥満研究 18(2):126-133, 2012
35. 福田麻衣子, 新谷佳子, 柳川徹, 山城拓也, 櫻井陽子, 佐々木薫, 足立孝二, 鬼澤浩司郎, 関堂充, 武川寛樹. CAD/CAM による 3D 造形モデルを用いた下顎骨再建の 3 例. 茨城県歯科医学会誌 20:40-41, 2012
36. 溝上裕士. NSAID 起因性上部下部消化管傷害の現状と対策—COX-2 阻害薬の有用性. 医学のあゆみ 243:957-962, 2012
37. 溝上裕士, 岩本淳一. NSAIDs 潰瘍の予防②酸分泌抑制薬の役割(PPI,H2RA). Orthopaedics 25:49-55, 2012
38. 溝上裕士, 岩本淳一. 【図説 胃と腸用語集 2012】疾患[胃] NSAIDs 起因性胃潰瘍 (NSAIDs-induced gastric ulcer). 胃と腸 47(5):754, 2012
39. 本山輝幸, 朝田隆, 木之下徹, 大藏倫博, 田中喜代次. 筋力トレーニングが高齢者の認知機能に与える影響. 臨床スポーツ医学 29(6):641-646, 2012
40. 藪下典子, 根本みゆき, 田中喜代次. 体力低位の高齢者にむけた運動. 体育の科学 62(6):405-410, 2012
41. 若月俊典, 山縣憲司, 柳川徹, 鬼澤浩司郎, 吉田廣, 武川寛樹. 抜歯後 PT-INR 上昇に伴い後出血を生じたワルファリン内服患者の 2 例. 茨城県歯科医学会誌 20:3-6, 2012
42. 渡邊嘉行, 吉田良仁, 及川律子, 原雅樹, 清川博史, 佐藤義典, 平井祥子, 鈴木英雄, 津田享志, 稲葉博之, 前畑忠輝, 鈴木拓, 豊田実, 伊東文生. 消化器癌とエピジェネティック 最近の進歩 マイクロアレイを用いた消化管がんの網羅的メチル化解析. 生物物理化学 56(1):5-8, 2012

c) 英文著書

1. Shoda J. Inchinkoto, Clinical efficacy and pharmacology; in "Research on the standardization of traditional Japanese Medicine promoting integrated medicine", 2012; pp230-232
2. Shoda J., Kawamoto T, Yamamoto M. Gallbladder Cancer – Pathogenesis and Molecular Targeting; in "Horizons in Cancer Research Volume 48", NOVA Science, 2012
3. Yamagata K, Bukawa H. Chapter 4. Docetaxel in the Management of Patients with Head and Neck Squamous Cell Carcinoma; in "Horizons in Cancer Research Volume 50", Nova Science Publishers, 2012

d) 英文以外の著書

1. 大森肇. 第 5 章. マナーキッズ®テニス教室は子供の感情を改善する<5 研究報告>; "認定 NPO 法人マナーキッズ®プロジェクトについて (第 5 版)" 認定 NPO 法人マナーキッズ®プロジェクト (東京) 2012; pp5
2. 大森肇. 第 5 章. マナーキッズ®テニス教室は子供の感情を改善する <5 研究報告>; "認定 NPO 法人マナーキッズ®プロジェクトについて (第 6 版)" 認定 NPO 法人マナーキッズ®プロジェクト (東京) 2012; pp5
3. 大森肇, 坂本昭裕. G3 平成 23 年度活動報告<体育センタープロジェクト研究報告>; "大学体育研究 (第 34 号)" (編集 「大学体育研究」編集委員会), 筑波「大学体育センター (つくば) 2012; pp67-69
4. 大森肇ほか. <短期集中連載> 最新研究で分かった運動の効用(上) (雑誌取材); "サンデー 毎日 91 巻 51 号" (編集 瀧永秀一郎), 毎日新聞社 (東京) 2012; pp42-43
5. 金子剛, 裕史 松井, 英雄 鈴木, 俊明 奈良坂, 邦明 福田, 裕士 溝上. 茨城カプセル内視鏡ネットワークの構築; "臨床消化器内科 27 巻 6 号", 日本メディカルセンター (東京) 2012; pp703-710
6. 西城真人. うんどう教室. フォレスト出版 2012 年 (全126ページ)
7. 正田純一. 漢方薬の有効性と医療科学 インチンコウ湯 漢方薬の薬効と薬理 日本伝統医学テキスト 漢方編; "平成22・23年度厚生労働科学研究費補助金" 地域医療基盤開発推進研究事業「統合医療を推進するための日本伝統医学の標準化」研究班, 2012; pp295-297
8. 正田純一. 胆石と胆嚢がん; "胆道 26 巻 2 号" 2012; pp205-211
9. 鈴木英雄, 溝上裕士, 金子剛, 兵頭一之介. 治療薬剤 4. 非ステロイド性抗炎症薬由来潰瘍 最新医学別冊新しい診断と治療の ABC 消化性潰瘍; "最新医学別冊新しい診断と治療の ABC 消化性潰瘍 (改訂第2版)", 2012; pp165-171
10. 田中喜代次. 数字で観る肥満の今①; "Health & Fitness 2012 年 9 月号", 2012; pp3
11. 田中喜代次. 数字で観る肥満の今②; "Health & Fitness 2012 年 10 月号", 2012; pp3
12. 田中喜代次. 数字で観る肥満の今③; "Health & Fitness 2012 年 11 月号", 2012; pp3
13. 田中喜代次. 元気長寿に向けた良質の健康支援; "運動と食育" 日本音楽療法学会関東支部 地方大会シンポジウム記録 3, 2012; pp5-20
14. 田中喜代次. このシステムは健康か? 健康づくりの今; "Health Fitness 2012 vol. 8", 2012; pp3

15. 田中喜代次. 確かな保健指導～減量への導きと運動; "月刊地方自治職員研修 8", 2012
16. 田中喜代次, 大藏倫博. 支援士のための豆知識:認知症予防のための運動, 身体活動; "支援士だより 2012 vol. 31", 2012; pp4
17. "Dr.クロワッサン 100歳まで元気で歩く! 転ばない歩き方 [ムック]" (監修 田中喜代次, 大久保善郎), マガジンハウス, 2012
18. "エクササイズ科学～健康体力つくりと疾病・介護予防のための基礎と実践～" (編集 田中喜代次, 田畑泉), 文光堂 2012

脂質エネルギー代謝

a) 英文論文

1. Aita Y, Ishii KA, Saito Y, Ikeda T, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib inhibits catecholamine synthesis and secretion in pheochromocytoma tumor cells by blocking VEGF receptor 2 via PLC-gamma-related pathways. *Am J Physiol Endocrinol Metab* 303(8):E1006-1014, 2012
2. Arai H, Ishibashi S, Bujo H, Hayashi T, Yokoyama S, Oikawa S, Kobayashi J, Shirai K, Ota T, Yamashita S, Gotoda T, Harada-Shiba M, Sone H, Eto M, Suzuki H, Yamada N, Research Committee for Primary Hyperlipidemia RoMaIDbtMoHL, Welfare in J. Management of type IIb dyslipidemia. *J Atheroscler Thromb* 19(2):105-114, 2012
3. Chen Q, Hongu T, Sato T, Zhang Y, Ali W, Cavallo JA, van der Velden A, Tian H, Di Paolo G, Nieswandt B, Kanaho Y, Frohman MA. Key roles for the lipid signaling enzyme phospholipase d1 in the tumor microenvironment during tumor angiogenesis and metastasis. *Sci Signal* 5(249):ra79, 2012
4. Chonpathompikunlert P, Fan CH, Ozaki Y, Yoshitomi T, Yeh CK, Nagasaki Y. Redox nanoparticle treatment protects against neurological deficit in focused ultrasound-induced intracerebral hemorrhage. *Nanomedicine (Lond)* 7(7):1029-1043, 2012
5. Chujo Y, Fujii N, Okita N, Konishi T, Narita T, Yamada A, Haruyama Y, Tashiro K, Chiba T, Shimokawa I, Higami Y. Caloric restriction-associated remodeling of rat white adipose tissue: effects on the growth hormone/insulin-like growth factor-1 axis, sterol regulatory element binding protein-1, and macrophage infiltration. *Age (Dordr)* doi: 10.1007/s11357-012-9439-1., 2012
6. D'Ascenzo F, Corleto A, Biondi-Zoccai G, Anselmino M, Ferraris F, di Biase L, Natale A, Hunter RJ, Schilling RJ, Miyazaki S, Tada H, Aonuma K, Yenn-Jiang L, Tao H, Ma C, Packer D, Hammill S, Gaita F. Which are the most reliable predictors of recurrence of atrial fibrillation after transcatheter ablation?: a meta-analysis. *Int J Cardiol* doi: 10.1016/j.ijcard.2012.05.008., 2012
7. Fujihara K, Saito A, Heianza Y, Gibo H, Suzuki H, Shimano H, Saito K, Kodama S, Yamada N, Sone H. Impact of psychological stress caused by the Great East Japan Earthquake on glycemic control in patients with diabetes. *Exp Clin Endocrinol Diabetes* 120(9):560-563, 2012
8. Fujimoto Y, Nakagawa Y, Shingyouchi A, Tokushige N, Nakanishi N, Satoh A, Matsuzaka T, Ishii KA, Iwasaki H, Kobayashi K, Yatoh S, Suzuki H, Yahagi N, Urayama O, Yamada N, Shimano H. Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. *Biochem Biophys Res Commun* 420(4):931-936, 2012
9. Fujimura A, Kishimoto H, Yanagisawa J, Kimura K. Enhancer of rudimentary homolog (ERH) plays an essential role in the progression of mitosis by promoting mitotic chromosome alignment. *Biochem Biophys Res Commun* 423(3):588-592, 2012
10. Fujita A, Yoh K, Shimohata H, Morito N, Ojima M, Okamura M, Takahashi S, Yamagata K. A novel diabetes mellitus mouse model, MAFA-deficient and beta cell-specific MAFK-overexpressing hybrid transgenic mice, developed severe diabetic nephropathy and

- improved with TCV-116 (candesartan cilexetil) treatment. *Exp Anim* 61(1):49-57, 2012
11. Fukuhara S, Simmons S, Kawamura S, Inoue A, Orba Y, Tokudome T, Sunden Y, Arai Y, Moriwaki K, Ishida J, Uemura A, Kiyonari H, Abe T, Fukamizu A, Hirashima M, Sawa H, Aoki J, Ishii M, Mochizuki N. The sphingosine-1-phosphate transporter Spns2 expressed on endothelial cells regulates lymphocyte trafficking in mice. *J Clin Invest* 122(4):1416-1426, 2012
 12. Gotoda T, Shirai K, Ohta T, Kobayashi J, Yokoyama S, Oikawa S, Bujo H, Ishibashi S, Arai H, Yamashita S, Harada-Shiba M, Eto M, Hayashi T, Sone H, Suzuki H, Yamada N, Research Committee for Primary Hyperlipidemia RoMaIDbtMoHL, Welfare in J. Diagnosis and management of type I and type V hyperlipoproteinemia. *J Atheroscler Thromb* 19(1):1-12, 2012
 13. Hasegawa H, Noguchi J, Yamashita M, Okada R, Sugimoto R, Furuya M, Unoki T, Funakoshi Y, Baba T, Kanaho Y. Phosphatidylinositol 4-phosphate 5-kinase is indispensable for mouse spermatogenesis. *Biol Reprod* 86(5):136, 131-112, 2012
 14. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
 15. Hashimoto T, Perlot T, Rehman A, Trichereau J, Ishiguro H, Paolino M, Sigl V, Hanada T, Hanada R, Lipinski S, Wild B, Camargo SM, Singer D, Richter A, Kuba K, Fukamizu A, Schreiber S, Clevers H, Verrey F, Rosenstiel P, Penninger JM. ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. *Nature* 487(7408):477-481, 2012
 16. Heianza Y, Arase Y, Fujihara K, Hsieh SD, Saito K, Tsuji H, Kodama S, Yahagi N, Shimano H, Yamada N, Hara S, Sone H. Longitudinal trajectories of HbA1c and fasting plasma glucose levels during the development of type 2 diabetes: the Toranomon Hospital Health Management Center Study 7 (TOPICS 7). *Diabetes Care* 35(5):1050-1052, 2012
 17. Heianza Y, Arase Y, Fujihara K, Tsuji H, Saito K, Hsieh SD, Kodama S, Shimano H, Yamada N, Hara S, Sone H. Screening for pre-diabetes to predict future diabetes using various cut-off points for HbA(1c) and impaired fasting glucose: the Toranomon Hospital Health Management Center Study 4 (TOPICS 4). *Diabet Med* 29(9):e279-285, 2012
 18. Heianza Y, Arase Y, Tsuji H, Saito K, Amakawa K, Hsieh SD, Kodama S, Shimano H, Yamada N, Hara S, Sone H. Low lung function and risk of type 2 diabetes in Japanese men: the Toranomon Hospital Health Management Center Study 9 (TOPICS 9). *Mayo Clin Proc* 87(9):853-861, 2012
 19. Hirasawa R, Saito K, Yachi Y, Ibe Y, Kodama S, Asumi M, Horikawa C, Saito A, Heianza Y, Kondo K, Shimano H, Sone H. Quality of Internet information related to the Mediterranean diet. *Public Health Nutr* 15(5):885-893, 2012
 20. Hokari Y, Seki T, Nakano H, Matsuo Y, Fukamizu A, Munekata E, Kiso Y, Mukai H. Isolation and identification of novel neutrophil-activating cryptides hidden in mitochondrial cytochrome C. *Protein Pept Lett* 19(6):680-687, 2012
 21. Igarashi M, Tada H, Kurosaki K, Yamasaki H, Akiyama D, Sekiguchi Y, Kuroki K, Machino T, Murakoshi N, Nakata Y, Kuga K, Nogami A, Aonuma K. Electrocardiographic determinants of the polymorphic QRS morphology in idiopathic right ventricular outflow tract tachycardia. *J*

Cardiovasc Electrophysiol 23(5):521-526, 2012

22. Ikeda Y, Jomura T, Horiuchi U, Saeki J, Yoshimoto K, Ikeya T, Nagasaki Y. Long-term survival and functional maintenance of hepatocytes by using a microfabricated cell array. *Colloids Surf B Biointerfaces* 97:97-100, 2012
23. Ikeda Y, Nagasaki Y. PEGylation Technology in Nanomedicine, Advances in Polymer Science. *Polymers in Nanomedicine* 247:115-140, 2012
24. Inoue A, Matsumoto I, Tanaka Y, Umeda N, Tanaka Y, Mihara M, Takahashi S, Sumida T. Murine tumor necrosis factor alpha-induced adipose-related protein (tumor necrosis factor alpha-induced protein 9) deficiency leads to arthritis via interleukin-6 overproduction with enhanced NF-kappaB, STAT-3 signaling, and dysregulated apoptosis of macrophages. *Arthritis Rheum* 64(12):3877-3885, 2012
25. Ishimaru T, Ishida J, Nakamura S, Hashimoto M, Matsukura T, Nakamura A, Kunita S, Sugiyama F, Yagami K, Fukamizu A. Short-term suppression of the renin-angiotensin system in mice associated with hypertension during pregnancy. *Mol Med Rep* 6(1):28-32, 2012
26. Iwasaki H, Naka A, Iida KT, Nakagawa Y, Matsuzaka T, Ishii KA, Kobayashi K, Takahashi A, Yatoh S, Yahagi N, Sone H, Suzuki H, Yamada N, Shimano H. TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. *Am J Physiol Endocrinol Metab* 302(7):E896-902, 2012
27. Kamimura M, Kim JO, Kabanov AV, Bronich TK, Nagasaki Y. Block ionomer complexes of PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. *J Control Release* 160(3):486-494, 2012
28. Kanaho Y, Sato T, Hongu T, Funakoshi Y. Molecular mechanisms of fMLP-induced superoxide generation and degranulation in mouse neutrophils. *Adv Biol Regul* doi: 10.1016/j.jbior.2012.09.001., 2012
29. Kanaho Y, Unoki T. Regulation and functions of the lipid kinase PIP5K g661 at synapses. *Adv Biol Regul* 52(1):59-65, 2012
30. Kaneshiro T, Naruse Y, Nogami A, Tada H, Yoshida K, Sekiguchi Y, Murakoshi N, Kato Y, Horigome H, Kawamura M, Horie M, Aonuma K. Successful catheter ablation of bidirectional ventricular premature contractions triggering ventricular fibrillation in catecholaminergic polymorphic ventricular tachycardia with RyR2 mutation. *Circ Arrhythm Electrophysiol* 5(1):e14-17, 2012
31. Kodama S, Horikawa C, Fujihara K, Heianza Y, Hirasawa R, Yachi Y, Sugawara A, Tanaka S, Shimano H, Iida KT, Saito K, Sone H. Comparisons of the strength of associations with future type 2 diabetes risk among anthropometric obesity indicators, including waist-to-height ratio: a meta-analysis. *Am J Epidemiol* 176(11):959-969, 2012
32. Kodama S, Saito K, Tanaka S, Horikawa C, Fujiwara K, Hirasawa R, Yachi Y, Sone Y, Tada Iida K, Shimano H, Ohashi Y, Yamada N, Sone H. Fasting and post-challenge glucose as quantitative cardiovascular risk factors: a meta-analysis. *J Atheroscler Thromb* 19(4):385-396, 2012
33. Kondo Y, Iizuka M, Wakamatsu E, Yao Z, Tahara M, Tsuboi H, Sugihara M, Hayashi T, Yoh K,

- Takahashi S, Matsumoto I, Sumida T. Overexpression of T-bet gene regulates murine autoimmune arthritis. *Arthritis Rheum* 64(1):162-172, 2012
34. Krum H, Lemke B, Birnie D, Lee KL, Aonuma K, Starling RC, Gasparini M, Gorcsan J, Rogers T, Sambelashvili A, Kalmes A, Martin D. A novel algorithm for individualized cardiac resynchronization therapy: rationale and design of the adaptive cardiac resynchronization therapy trial. *Am Heart J* 163(5):747-752 e741, 2012
 35. Kurinomaru T, Tomita S, Kudo S, Ganguli S, Nagasaki Y, Shiraki K. Improved complementary polymer pair system: switching for enzyme activity by PEGylated polymers. *Langmuir* 28(9):4334-4338, 2012
 36. Kuwahara T, Takahashi A, Takahashi Y, Kobori A, Miyazaki S, Takei A, Fujii A, Kusa S, Yagishita A, Okubo K, Fujino T, Nozato T, Hikita H, Sato A, Aonuma K. Clinical characteristics of massive air embolism complicating left atrial ablation of atrial fibrillation: lessons from five cases. *Europace* 14(2):204-208, 2012
 37. Lerner AG, Upton JP, Praveen PV, Ghosh R, Nakagawa Y, Igbaria A, Shen S, Nguyen V, Backes BJ, Heiman M, Heintz N, Greengard P, Hui S, Tang Q, Trusina A, Oakes SA, Papa FR. IRE1alpha induces thioredoxin-interacting protein to activate the NLRP3 inflammasome and promote programmed cell death under irremediable ER stress. *Cell Metab* 16(2):250-264, 2012
 38. Makyio H, Ohgi M, Takei T, Takahashi S, Takatsu H, Katoh Y, Hanai A, Ueda T, Kanaho Y, Xie Y, Shin HW, Kamikubo H, Kataoka M, Kawasaki M, Kato R, Wakatsuki S, Nakayama K. Structural basis for Arf6-MKLP1 complex formation on the Flemming body responsible for cytokinesis. *EMBO J* 31(11):2590-2603, 2012
 39. Matsumoto K, Azami T, Otsu A, Takase H, Ishitobi H, Tanaka J, Miwa Y, Takahashi S, Ema M. Study of normal and pathological blood vessel morphogenesis in Flt1-tdsRed BAC Tg mice. *Genesis* 50(7):561-571, 2012
 40. Matsuzaka T, Atsumi A, Matsumori R, Nie T, Shinozaki H, Suzuki-Kemuriyama N, Kuba M, Nakagawa Y, Ishii K, Shimada M, Kobayashi K, Yatoh S, Takahashi A, Takekoshi K, Sone H, Yahagi N, Suzuki H, Murata S, Nakamuta M, Yamada N, Shimano H. Elovl6 promotes nonalcoholic steatohepatitis. *Hepatology* 56(6):2199-2208, 2012
 41. Matsuzaka T, Shimano H. GLUT12: a second insulin-responsive glucose transporters as an emerging target for type 2 diabetes. *J Diabetes Invest* 3(2):130-131, 2012
 42. Mikami K, Okita N, Tokunaga Y, Ichikawa T, Okazaki T, Takemoto K, Nagai W, Matsushima S, Higami Y. Autophagosomes accumulate in differentiated and hypertrophic adipocytes in a p53-independent manner. *Biochem Biophys Res Commun* 427(4):758-763, 2012
 43. Nagai W, Okita N, Matsumoto H, Okado H, Oku M, Higami Y. Reversible induction of PARP1 degradation by p53-inducible cis-imidazoline compounds. *Biochem Biophys Res Commun* 421(1):15-19, 2012
 44. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RG, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem*

287(12):9579-9590, 2012

45. Nagasaki Y. Nitroxide radicals and nanoparticles: a partnership for nanomedicine radical delivery. *Ther Deliv* 3(2):165-179, 2012
46. Nagashima Y, Kako K, Kim JD, Fukamizu A. Enhanced histamine production through the induction of histidine decarboxylase expression by phorbol ester in Jurkat cells. *Mol Med Rep* 6(5):944-948, 2012
47. Naka A, Iida KT, Nakagawa Y, Iwasaki H, Takeuchi Y, Satoh A, Matsuzaka T, Ishii KA, Kobayashi K, Yatoh S, Shimada M, Yahagi N, Suzuki H, Sone H, Yamada N, Shimano H. TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. *Biochem Biophys Res Commun* doi: 10.1016/j.bbrc.2012.11.094., 2012
48. Nakano E, Harada T, Aonuma K, Soejima K, Wakimoto H, Matsumoto N, Miyake F. Identification of unusual reentry circuit sites of nonischemic ventricular outflow tract tachycardia. *J Cardiovasc Electrophysiol* 23(2):179-187, 2012
49. Namiki K, Matsunaga H, Yoshioka K, Tanaka K, Murata K, Ishida J, Sakairi A, Kim J, Tokuhara N, Shibakawa N, Shimizu M, Wada Y, Tokunaga Y, Shigetomi M, Hagihara M, Kimura S, Sudo T, Fukamizu A, Kasuya Y. Mechanism for p38alpha-mediated experimental autoimmune encephalomyelitis. *J Biol Chem* 287(29):24228-24238, 2012
50. Neely GG, Rao S, Costigan M, Mair N, Racz I, Milinkeviciute G, Meixner A, Nayanala S, Griffin RS, Belfer I, Dai F, Smith S, Diatchenko L, Marengo S, Haubner BJ, Novatchkova M, Gibson D, Maixner W, Pospisilik JA, Hirsch E, Whishaw IQ, Zimmer A, Gupta V, Sasaki J, Kanaho Y, Sasaki T, Kress M, Woolf CJ, Penninger JM. Construction of a global pain systems network highlights phospholipid signaling as a regulator of heat nociception. *PLoS Genet* 8(12):e1003071, 2012
51. Ogata H, Tokuyama K, Nagasaka S, Tsuchita T, Kusaka I, Ishibashi S, Suzuki H, Yamada N, Hamano K, Kiyono K, Struzik ZR, Yamamoto Y. The lack of long-range negative correlations in glucose dynamics is associated with worse glucose control in patients with diabetes mellitus. *Metabolism* 61(7):1041-1050, 2012
52. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
53. Okita N, Hayashida Y, Kojima Y, Fukushima M, Yuguchi K, Mikami K, Yamauchi A, Watanabe K, Noguchi M, Nakamura M, Toda T, Higami Y. Differential responses of white adipose tissue and brown adipose tissue to caloric restriction in rats. *Mech Ageing Dev* 133(5):255-266, 2012
54. Okita N, Minato S, Ohmi E, Tanuma S, Higami Y. DNA damage-induced CHK1 autophosphorylation at Ser296 is regulated by an intramolecular mechanism. *FEBS Lett* 586(22):3974-3979, 2012
55. Ozcan L, Wong CC, Li G, Xu T, Pajvani U, Park SK, Wronska A, Chen BX, Marks AR, Fukamizu A, Backs J, Singer HA, Yates JR, 3rd, Accili D, Tabas I. Calcium signaling through CaMKII regulates hepatic glucose production in fasting and obesity. *Cell Metab* 15(5):739-751,

2012

56. Saito Y, Tanaka Y, Aita Y, Ishii KA, Ikeda T, Isobe K, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib induces apoptosis in pheochromocytoma tumor cells by inhibiting VEGFR2/Akt/mTOR/S6K1 pathways through modulation of Bcl-2 and BAD. *Am J Physiol Endocrinol Metab* 302(6):E615-625, 2012
57. Sakai S, Nakagawa Y, Shimojo N, Kimura T, Tajiri K, Kuga K, Homma S, Miyauchi T, Aonuma K, Shimano H. Sterol regulatory element-binding protein-1 is involved in the development of angiotensin II-induced cardiac fibrosis. *Circ Res* 111:4S (Web Science), 2012
58. Sakamaki J, Daitoku H, Kaneko Y, Hagiwara A, Ueno K, Fukamizu A. GSK3 β regulates gluconeogenic gene expression through HNF4 α and FOXO1. *J Recept Signal Transduct Res* 32(2):96-101, 2012
59. Sakimoto S, Kidoya H, Naito H, Kamei M, Sakaguchi H, Goda N, Fukamizu A, Nishida K, Takakura N. A role for endothelial cells in promoting the maturation of astrocytes through the apelin/APJ system in mice. *Development* 139(7):1327-1335, 2012
60. Sato A, Nozato T, Hikita H, Akiyama D, Nishina H, Hoshi T, Aihara H, Kakefuda Y, Watabe H, Hiroe M, Aonuma K. Prognostic value of myocardial contrast delayed enhancement with 64-slice multidetector computed tomography after acute myocardial infarction. *J Am Coll Cardiol* 59(8):730-738, 2012
61. Sekiguchi Y, Owada J, Oishi H, Katsumata T, Ikeda K, Kudo T, Takahashi S. Noninvasive monitoring of beta-cell mass and fetal beta-cell genesis in mice using bioluminescence imaging. *Exp Anim* 61(4):445-451, 2012
62. Shimano H. Novel qualitative aspects of tissue fatty acids related to metabolic regulation: lessons from Elovl6 knockout. *Prog Lipid Res* 51(3):267-271, 2012
63. Sumitani S, Nagasaki Y. Boron Neutron Capture Therapy Assisted by Boron-conjugated Nanoparticles. *Polymer Journal* 44(6):522-530, 2012
64. Sumitani S, Oishi M, Yaguchi T, Murotani H, Horiguchi Y, Suzuki M, Ono K, Yanagie H, Nagasaki Y. Pharmacokinetics of core-polymerized, boron-conjugated micelles designed for boron neutron capture therapy for cancer. *Biomaterials* 33(13):3568-3577, 2012
65. Takahashi T, Matsuzaki H, Tomizawa S, Okamura E, Ichiyanagi T, Fukamizu A, Sasaki H, Tanimoto K. Sequences in the H19 ICR that are transcribed as small RNA in oocytes are dispensable for methylation imprinting in YAC transgenic mice. *Gene* 508(1):26-34, 2012
66. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
67. Takeichi N, Midorikawa S, Watanabe A, Naing BT, Tamura H, Wakakuri-Kano T, Ishizaki A, Sugihara H, Nissato S, Saito Y, Aita Y, Ishii KA, Igarashi T, Kawakami Y, Hara H, Ikeda T, Shimizu K, Suzuki S, Shimano H, Kawamoto M, Shimada T, Watanabe T, Oikawa S, Takekoshi K. Identical germline mutations in the TMEM127 gene in two unrelated Japanese patients with bilateral pheochromocytoma. *Clin Endocrinol (Oxf)* 77(5):707-714, 2012

68. Tamura G, Shinohara Y, Tamura A, Sanada Y, Oishi M, Akiba I, Nagasaki Y, Sakurai K, Amemiya Y. Dependence of Swelling Behavior of pH-responsive PEG-modified Nanogel on Cross-link Density. *Polymer Journal* 44(3):240-244, 2012
69. Tojo M, Takebe A, Takahashi S, Tanaka K, Imamura T, Miyazono K, Chiba T. Smad7-deficient mice show growth retardation with reduced viability. *J Biochem* 151(6):621-631, 2012
70. Tokunaga C, Enomoto Y, Sato F, Kanemoto S, Matsushita S, Hiramatsu Y, Aonuma K, Sakakibara Y. Surgical removal of infected pacemaker leads without cardiopulmonary bypass after failed extraction using the Excimer Laser Sheath Extraction System. *J Artif Organs* 15(1):94-98, 2012
71. Tomita S, Nagasaki Y, Shiraki K. Different mechanisms of action of poly(ethylene glycol) and arginine on thermal inactivation of lysozyme and ribonuclease A. *Biotechnol Bioeng* 109(10):2543-2552, 2012
72. Unoki T, Matsuda S, Kakegawa W, Van NT, Kohda K, Suzuki A, Funakoshi Y, Hasegawa H, Yuzaki M, Kanaho Y. NMDA receptor-mediated PIP5K activation to produce PI(4,5)P(2) is essential for AMPA receptor endocytosis during LTD. *Neuron* 73(1):135-148, 2012
73. Vong LB, Tomita T, Yoshitomi T, Matsui H, Nagasaki Y. An orally administered redox nanoparticle that accumulates in the colonic mucosa and reduces colitis in mice. *Gastroenterology* 143(4):1027-1036 e1023, 2012
74. Watabe H, Sato A, Akiyama D, Kakefuda Y, Adachi T, Ojima E, Hoshi T, Murakoshi N, Ishizu T, Seo Y, Aonuma K. Impact of coronary plaque composition on cardiac troponin elevation after percutaneous coronary intervention in stable angina pectoris: a computed tomography analysis. *J Am Coll Cardiol* 59(21):1881-1888, 2012
75. Xu D, Murakoshi N, Igarashi M, Hirayama A, Ito Y, Seo Y, Tada H, Aonuma K. PPAR-gamma activator pioglitazone prevents age-related atrial fibrillation susceptibility by improving antioxidant capacity and reducing apoptosis in a rat model. *J Cardiovasc Electrophysiol* 23(2):209-217, 2012
76. Yamamuro T, Hori M, Nakagawa Y, Hayashi T, Sakamoto S, Ohnishi J, Takeuchi S, Mihara Y, Shiga T, Murakami K, Urayama O. Tickling stimulation causes the up-regulation of the kallikrein family in the submandibular gland of the rat. *Behav Brain Res* doi: 10.1016/j.bbr.2012.09.001., 2012
77. Yoh K, Morito N, Ojima M, Shibuya K, Yamashita Y, Morishima Y, Ishii Y, Kusakabe M, Nishikii H, Fujita A, Matsunaga E, Okamura M, Hamada M, Suto A, Nakajima H, Shibuya A, Yamagata K, Takahashi S. Overexpression of RORgammat under control of the CD2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. *Eur J Immunol* 42(8):1999-2009, 2012
78. Yokoyama S, Yamashita S, Ishibashi S, Sone H, Oikawa S, Shirai K, Ohta T, Bujo H, Kobayashi J, Arai H, Harada-Shiba M, Eto M, Hayashi T, Gotoda T, Suzuki H, Yamada N. Background to discuss guidelines for control of plasma HDL-cholesterol in Japan. *J Atheroscler Thromb* 19(3):207-212, 2012
79. Yoshino T, Kawai K, Miyazaki J, Kimura T, Ikeda A, Takaoka E, Suetomi T, Oikawa T, Kojima T,

- Iwasaki H, Shimano H, Nishiyama H. A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. *Jpn J Clin Oncol* 42(8):764-766, 2012
80. Yoshitomi T, Nagasaki Y. Design and preparation of a nanoprobe for imaging inflammation sites. *Biointerphases* 7(1-4):7, 2012
81. Yoshitomi T, Yamaguchi Y, Kikuchi A, Nagasaki Y. Creation of a blood-compatible surface: a novel strategy for suppressing blood activation and coagulation using a nitroxide radical-containing polymer with reactive oxygen species scavenging activity. *Acta Biomater* 8(3):1323-1329, 2012
82. Yuan X, Fabregat D, Yoshimoto K, Nagasaki Y. Development of a high-performance immunol latex based on "soft landing" antibody immobilization mechanism. *Colloids Surf B Biointerphases* 99:45-52, 2012
83. Yuan X, Fabregat D, Yoshimoto K, Nagasaki Y. High PEGylation efficiency of pentaethylenehexamine-end poly(ethylene glycol) (mPEG-N6) for active-ester surface. *Colloids Surf B Biointerphases* 92:25-29, 2012

b) 英文以外の論文

1. 上村真生, 長崎幸夫. PEG 修飾希土類含有セラミックスナノ粒子による近赤外光バイオイメーシング. 未来材料 12(2):24-30, 2012
2. 小林和人, 島野仁. 【最新臨床糖尿病学 上-糖尿病学の最新動向-】糖尿病の予防・管理・治療 糖尿病薬物療法 糖尿病治療薬 薬理作用・適応・副作用など スルホニル尿素薬(SU 薬). 日本臨床 70(増刊 3 最新臨床糖尿病学(上)):602-607, 2012
3. 島野仁. 【脂質異常症-日常診療に必要な知識をまとめよう】 Key words 転写因子による脂質代謝制御. カレントセラピー 30(3):262, 2012
4. 島野仁. 腸管からのシグナル 特集にあたって. The Lipid 23(3):236-237, 2012
5. 島野仁. はじめに. 別冊・医学のあゆみ エネルギー代謝転写因子ネットワークと生活習慣病、医歯薬出版 1, 2012
6. 島野仁. What's New in SURGERY FRONTIER(第 75 回) 最新の脂肪酸バイオロジー研究 脂肪酸合成転写因子 SREBP-1c と生活習慣病. Surgery Frontier 19(4):436-438, 2012
7. 島野仁, 荒井秀典, 吉田雅幸, 酒井寿郎. 今後の動脈硬化研究の方向性-炎症、エピゲノム、予防に向けての視覚化 グローバルな視点から-(Doctor's Talk). 動脈硬化予防 11(3):90-97, 2012
8. 島野仁, 横手幸太郎. 糖尿病を合併した脂質異常症に対する治療戦略、エキスパート対談. 「日本人の脂質管理を考える-超高齢社会を迎えた現在-」シリーズ3 1-6, 2012
9. 中彩乃, 飯田薫子, 島野仁. 【脂質代謝の新視点】脂質代謝の低下と運動. 体育の科学 62(11):818-822, 2012
10. 中川嘉, 島野仁. 【エネルギー代謝転写因子ネットワークと生活習慣病】臓器・疾患別にみた転写因子の展開 絶食時の肝における遺伝子発現応答. 医学のあゆみ 237(6):661-665, 2012
11. 長崎幸夫. 生体適合性ポリエチレングリコール表面の構築. 高分子 61:77-82, 2012
12. 松坂賢, 島野仁. 【炎症・代謝性疾患に潜む脂質メタボリズム 脂肪酸の質の違いが制御するス

- トレス応答と病態】脂肪酸の質に視点を置いた栄養シグナル. 実験医学 30(3):412-417, 2012
13. 矢作直也. 医の提言:糖尿病早期発見の新しい試み. Animus 73:51-52, 2012
 14. 矢作直也. スタチンにより糖尿病発症リスクは増大するか? CORE Journal 循環器 1:6-11, 2012
 15. 矢作直也. 【動脈硬化研究の新機軸】PUFAと抗動脈硬化. 動脈硬化予防 11(3):75-81, 2012
 16. 矢作直也. 肥満・メタボリックシンドロームの病態解明のための中性脂肪合成系の転写調節機構の研究. 糖尿病合併症 26(1):18-27, 2012
 17. 矢作直也, 島野仁. 【栄養素の受容・情報伝達と代謝制御】コレステロールの恒常性維持機構アップデート. 内分泌・糖尿病・代謝内科 34(4):313-319, 2012
 18. 矢藤繁, 山田信博. 【最新臨床糖尿病学 下-糖尿病学の最新動向-】糖尿病合併症・糖尿病関連疾患 我が国における糖尿病の合併症の現状と今後の課題. 日本臨床 70(増刊 5 最新臨床糖尿病学(下)):213-218, 2012
 19. 和田攻, 八谷寛, 島野仁, 石橋俊. 【実地臨床栄養 日常診療に不可欠な情報とその活用】実地医家は、肥満・生活習慣病改善に臨床栄養の最大限活用を. Medical Practice 29(9):1451-1468, 2012

c) 英文著書

1. Ikeda Y, Nagasaki Y. PEGylation Technology in Nanomedicine; in "Advances in Polymer Science 247, Polymers in Nanomedicine, Springer-Verlag (Berlin) 2012; pp115-140

d) 英文以外の著書

1. 岩崎仁, 島野仁. 糖尿病患者の高中性脂肪血症をどう治療したらよいのでしょうか?; "循環器医から寄せられる『糖尿病と血管合併症に関する 100 の質問』" (編集 小室一成(監修), 山岸昌一(編集)), メディカルレビュー社 (大阪) 2012; pp27-58
2. 大崎芳典, 島野仁. 第 16 章. 疾患各論(脂質代謝異常); "実地医家のための臨床検査のすすめかた・評価のしかた" (Medical Practice 編集委員会), 文光堂 (東京) 2012; pp227-238
3. 岡崎啓明. 高トリグリセライド血症の分子メカニズムの解明と治療への応用; "Medical Practice (vol.29(12))", 文光堂 (東京) 2012; pp2103-2105
4. 岡崎啓明. 著明な高血糖に伴う脂質異常; "内分泌・糖尿病・代謝内科 vol.35(6), 科学評論社 (東京) 2012
5. 岡崎啓明. 第 II 章. TG-rich リポ蛋白代謝の新たな調節因子; "Annual Review 糖尿病・代謝・内分泌" (寺内康夫 他編), 中外医学社 (東京) 2012; pp106-117
6. 岡崎啓明. マクロファージ脂質蓄積機構; "動脈硬化予防 (11 巻 3 号)", メジカルビュー社 (東京) 2012; pp11-17
7. 島野仁. 第 6 章. エネルギーの栄養生化学, 第7章. 酵素の栄養生化学; "栄養生化学(新体系看護学全書 人体の構造と機能②) (第 3 版)" (編集 脊山洋右, 山田信博, 松島照彦), メジカルフレンド社 (東京) 2012; pp121-145
8. 島野仁. 第 10 章. 糖尿病大血管障害; "内分泌代謝専門医ガイドブック (改訂第 3 版)" (編集 成瀬光栄, 平田結喜緒, 島津章), 診断と治療社 (東京) 2012; pp347-351

9. 島野仁. 第 VII 章. 糖尿病治療薬の臨床現状と今後の治療薬に期待すること; "実践治療薬" (編集 日本薬理学会), 金芳堂 (京都) 2012; pp225-232
10. 島野仁. 第 10 章. メタボリックシンドローム; "病気と薬パーフェクト BOOK 2012 (薬局増刊号)" 南山堂 (東京) 2012; pp645-651
11. 島野仁. III 章 1~4. 療養指導各論 (III 章 1~4, 1 診断と治療に関する知識, 2 食事療法, 3 運動療法, 4 薬物療法); "日本糖尿病療養指導士受験ガイドブック 2012 (第?版)" (編集 日本糖尿病療養指導士認定機構), メディカルレビュー社 (大阪) 2012; pp27-58
12. 鈴木浩明. 第 12 章. インスリノーマに伴う精神症状; "今日の精神疾患治療指針 (第?版)" (編集 樋口輝彦, 市川宏伸, 神庭重信, 朝田隆, 中込和幸), 医学書院 (東京) 2012; pp495-496
13. 長崎幸夫. 第 5 編. 「ナノゲルによるピンポイント治療・診断システムへの展開」; "先端バイオマテリアルハンドブック" (編集 秋吉一成 (京都大学) (監修), 石原一彦 (東京大学) (監修), 山岡哲二 ((独) 国立循環器病研究センター研究所) (監修)), エヌ・ティー・エス (東京) 2012
14. 長崎幸夫. ナノ粒子アシスト型がん化学療法の開発; "癌と人 (第 39 号)", 公益財団法人大阪癌研究会 (大阪) 2012; pp51-52
15. 長崎幸夫, 堀口諭吉. 第 2 章. ガドリニウムフラーレンによる中性子捕捉療法; "2013 ナノカーボン技術大全" (編集 Journal Electric), 株式会社 電子ジャーナル (東京) 2012

ヘルスサービス

a) 英文論文

1. Cui R, Iso H, Yamagishi K, Saito I, Kokubo Y, Inoue M, Tsugane S, Group JS. High serum total cholesterol levels is a risk factor of ischemic stroke for general Japanese population: the JPHC study. *Atherosclerosis* 221(2):565-569, 2012
2. Egawa N, Kitaoka S, Tsukita K, Naitoh M, Takahashi K, Yamamoto T, Adachi F, Kondo T, Okita K, Asaka I, Aoi T, Watanabe A, Yamada Y, Morizane A, Takahashi J, Ayaki T, Ito H, Yoshikawa K, Yamawaki S, Suzuki S, Watanabe D, Hioki H, Kaneko T, Makioka K, Okamoto K, Takuma H, Tamaoka A, Hasegawa K, Nonaka T, Hasegawa M, Kawata A, Yoshida M, Nakahata T, Takahashi R, Marchetto MC, Gage FH, Yamanaka S, Inoue H. Drug screening for ALS using patient-specific induced pluripotent stem cells. *Sci Transl Med* 4(145):145ra104, 2012
3. Emerging Risk Factors Collaboration (Yamagishi K, collaborator). Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. *Int J Epidemiol* 41(5):1419-1433, 2012
4. Eshak ES, Iso H, Kokubo Y, Saito I, Yamagishi K, Inoue M, Tsugane S; for the JPHC Study Group. Soft drink intake in relation to incident ischemic heart disease, stroke, and stroke subtypes in Japanese men and women: the Japan Public Health Centre-based study cohort I. *Am J Clin Nutr* 96(6):1390-1397, 2012
5. Folsom AR, Nambi V, Pankow JS, Tang W, Farbaksh K, Yamagishi K, Boerwinkle E. Effect of 9p21 genetic variation on coronary heart disease is not modified by other risk markers. The Atherosclerosis Risk in Communities (ARIC) Study. *Atherosclerosis* 224(2):435-439, 2012
6. Fox CS, Matsushita K, Woodward M, Bilo HJ, Chalmers J, Heerspink HJ, Lee BJ, Perkins RM, Rossing P, Sairenchi T, Tonelli M, Vassalotti JA, Yamagishi K, Coresh J, de Jong PE, Wen CP, Nelson RG, Chronic Kidney Disease Prognosis Consortium. Associations of kidney disease measures with mortality and end-stage renal disease in individuals with and without diabetes: a meta-analysis. *Lancet* 380(9854):1662-1673, 2012
7. Hidaka S, Ikejima C, Kodama C, Nose M, Yamashita F, Sasaki M, Kinoshita T, Tanimukai S, Mizukami K, Takahashi H, Kakuma T, Tanaka S, Asada T. Prevalence of depression and depressive symptoms among older Japanese people: comorbidity of mild cognitive impairment and depression. *Int J Geriatr Psychiatry* 27(3):271-279, 2012
8. Honda K. The Ashikaga case of Japan -Y-STR testing used as the exculpatory to free a convicted felon after 17.5 years in prison. *Forens Sci Int Genet* 6:e1-2, 2012
9. Hosaka A, Araki W, Oda A, Tomidokoro Y, Tamaoka A. Statins reduce amyloid β -peptide production by modulating amyloid precursor protein maturation and phosphorylation through a cholesterol-independent mechanism in cultured neurons. *Neurochem Res* doi: 10.1007/s11064-012-0956-1., 2012
10. Hosaka A, Takuma H, Ohta K, Tamaoka A. An ocular form of myasthenia gravis with a high titer of anti-MuSK antibodies during a long-term follow-up. *Intern Med* 51(21):3077-3079, 2012

11. Hoshi SL, Kondo M, Okubo I. Cost-effective policy option in launching a community-based pneumococcal vaccination program among the elderly in Japan. *Ageing Research* 4:53-60, 2012
12. Hoshi SL, Kondo M, Okubo I. Economic evaluation of vaccination programme of 7-valent pneumococcal conjugate vaccine to the birth cohort in Japan. *Vaccine* 30(22):3320-3328, 2012
13. Imano H, Iso H, Kiyama M, Yamagishi K, Ohira T, Sato S, Noda H, Maeda K, Okada T, Tanigawa T, Kitamura A, CIRCIS Investigators. Non-fasting blood glucose and risk of incident coronary heart disease in middle-aged general population: the Circulatory Risk in Communities Study (CIRCIS). *Prev Med* 55(6):603-607, 2012
14. Ishii A, Ohkoshi N, Tamaoka A. The effect of water-soluble fullerene in muscle regeneration process of experimental murine skeletal muscle. *Neuromuscular Disorders* 22:905-906, 2012
15. Ishii K, Shioya A, Fukuda K, Mori K, Tamaoka A. Acquired hepatocerebral degeneration with middle cerebellar peduncles lesions: case report and review of the literature. *Clin Neurol Neurosurg* 114(10):1361-1364, 2012
16. Iso H, Maruyama K, Ikehara S, Yamagishi K, Tamakoshi A. Cellular growth factors in relation to mortality from cardiovascular disease in middle-aged Japanese: the JACC study. *Atherosclerosis* 224(1):154-160, 2012
17. Iso H, Noda H, Ikeda A, Yamagishi K, Inoue M, Iwasaki M, Tsugane S; for the JPHC Study Group. The impact of C-reactive protein on risk of stroke, stroke subtypes, and ischemic heart disease in middle-aged Japanese: the Japan public health center-based study. *J Atheroscler Thromb* 19(8):756-766, 2012
18. Ito T, Tamiya N, Takahashi H, Yamazaki K, Yamamoto H, Sakano S, Kashiwagi M, Miyaishi S. Factors that prolong the 'postmortem interval until finding' (PMI-f) among community-dwelling elderly individuals in Japan: analysis of registration data. *BMJ Open* 2(5): e001280, 2012
19. Kaminiwa J, Honda K, Sugano Y, Yano S, Nishi T, Sekine Y. Vanadium accelerates polymerase chain reaction and expands the applicability of forensic DNA testing. *J Forensic Leg Med* doi: 10.1016/j.jflm.2012.09.006., 2012
20. Kanemoto A, Mizumoto M, Okumura T, Takahashi H, Hashimoto T, Oshiro Y, Fukumitsu N, Moritake T, Tsuboi K, Sakae T, Sakurai H. Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. *Acta Oncol* doi: 10.3109/0284186X.2012.718094., 2012
21. Kondo M, Yamamura M, Hoshi SL, Okubo I. Demand for pneumococcal vaccination under subsidy program for the elderly in Japan. *BMC Health Serv Res* 12:313, 2012
22. Li Y, Yamagishi K, Yatsuya H, Tamakoshi A, Iso H. Smoking cessation and COPD mortality among Japanese men and women: the JACC study. *Prev Med* 55(6):639-643, 2012
23. Mahmoodi BK, Matsushita K, Woodward M, Blankestijn PJ, Cirillo M, Ohkubo T, Rossing P, Sarnak MJ, Stengel B, Yamagishi K, Yamashita K, Zhang L, Coresh J, de Jong PE, Astor BC, Chronic Kidney Disease Prognosis Consortium. Associations of kidney disease measures with mortality and end-stage renal disease in individuals with and without hypertension: a meta-analysis. *Lancet* 380(9854):1649-1661, 2012

24. Maie T, Mizuno T. Content of picture books dealing with cancer. *The Asian Journal of Child Care* 3:29-40, 2012
25. Maruyama M, Ohira T, Imano H, Kitamura A, Kiyama M, Okada T, Maeda K, Yamagishi K, Noda H, Ishikawa Y, Shimamoto T, Iso H. Trends in sudden cardiac death and its risk factors in Japan from 1981 to 2005: the Circulatory Risk in Communities Study (CIRCS). *BMJ Open* 2(2):e000573, 2012
26. Matsumoto T, Matsushita S, Okudaira K, Naruse N, Cho T, Muto T, Ashizawa T, Konuma K, Morita N, Ino A. Sex differences in risk factors for suicidality among Japanese substance use disorder patients: association with age, types of abused substances, and depression. *Psychiatry Clin Neurosci* 66(5):390-396, 2012
27. Mizuno T, Tokuda K. Barrier-free situation at Yeosu International Exhibition -Focusing on the transportation environment for people with visual impairment and people in wheelchair. *The Asian Journal of Disable Sociology* 12:27-40, 2012
28. Morita N, Nakajima S, Kazui M, Endo T, Goto M. Development of child-care workers' report checklist of post-traumatic symptoms related to child abuse in preschool children. *Acta Criminologiae et Medicinae Legalis Japonica* 78:104-106, 2012
29. Motoki K, Kume H, Oda A, Tamaoka A, Hosaka A, Kametani F, Araki W. Neuronal β -amyloid generation is independent of lipid raft association of β -secretase BACE1: analysis with a palmitoylation-deficient mutant. *Brain Behav* 2(3):270-82, 2012
30. Nagao M, Iso H, Yamagishi K, Date C, Tamakoshi A; for the JACC Study Group. Meat consumption in relation to mortality from cardiovascular disease among Japanese men and women. *Eur J Clin Nutr* 66(6):687-693, 2012
31. Nagao M, Moriyama Y, Yamagishi K, Iso H, Tamakoshi A, for the JACC Study Group. Relation of serum α - and γ -tocopherol levels to cardiovascular disease-related mortality among Japanese men and women. *J Epidemiol* 22(5):402-410, 2012
32. Nagayoshi M, Tanigawa T, Yamagishi K, Sakurai S, Kitamura A, Kiyama M, Okada T, Maeda K, Ohira T, Imano H, Sato S, Iso H, for the CIRCS Investigators. Self-reported snoring frequency and incidence of cardiovascular disease: the Circulatory Risk in Communities Study (CIRCS). *J Epidemiol* 22(4):295-301, 2012
33. Nakamagoe K, Mamada N, Shiigai M, Shimizu K, Koganezawa T, Tamaoka A. Recurrent isolated abducens nerve paresis associated with persistent trigeminal artery variant. *Intern Med* 51(16):2213-2216, 2012
34. Nakamagoe K, Shimizu K, Koganezawa T, Tamaoka A. Downbeat nystagmus due to a paramedian medullary lesion. *J Clin Neurosci* 19(11):1597-1599, 2012
35. Nishi A, McWilliams JM, Noguchi H, Hashimoto H, Tamiya N, Kawachi I. Health benefits of reduced patient cost sharing in Japan. *Bull World Health Organ* 90(6):426-435A, 2012
36. Nishi A, Noguchi H, Hashimoto H, Tamiya N. Scale development of health status for secondary data analysis using a nationally representative survey. *Environ Health Prev Med* 17(3):252-257, 2012

37. Ohira T, Maruyama M, Imano H, Kitamura A, Kiyama M, Okada T, Maeda K, Yamagishi K, Noda H, Cui R, Masuda S, Kimura H, Tachikawa K, Ishikawa Y, Iso H. Risk factors for sudden cardiac death among Japanese: the Circulatory Risk in Communities Study. *J Hypertens* 30(6):1137-1143, 2012
38. Oikawa A, Takahashi H, Ishikawa H, Kurishima K, Kagohashi K, Satoh H. Application of conditional probability analysis to distant metastases from lung cancer. *Oncol Lett* 3(3):629-634, 2012
39. Olivares-Tirado P, Tamiya N, Kashiwagi M. Effect of in-home and community-based services on the functional status of elderly in the long-term care insurance system in Japan. *BMC Health Serv Res* 12:239, 2012
40. Oyama Y, Tamiya N, Kashiwagi M, Sato M, Ohwaki K, Yano E. Factors that allow elderly individuals to stay at home with their families using the Japanese long-term care insurance system. *Geriatr Gerontol Int* doi: 10.1111/ggi.12002., 2012
41. Saida T, Mori K, Sato F, Shindo M, Takahashi H, Takahashi N, Sakakibara Y, Minami M. Prospective intraindividual comparison of unenhanced magnetic resonance imaging vs contrast-enhanced computed tomography for the planning of endovascular abdominal aortic aneurysm repair. *J Vasc Surg* 55(3):679-687, 2012
42. Sugimoto K, Likhvar V, Okubo I, Yinlong J, Honda Y. Analysis of relation between temperature and mortality in three cities in China by using lag model: A comparison of Harbin, Nanjing and Guangzhou. *Minzoku Eisei* 78:16-26, 2012
43. Takeda F, Tamiya N, Noguchi H, Monma T. Relation between Mental Health Status and Psychosocial Stressors among Pregnant and Puerperium Women in Japan: From the Perspective of Working Status. *International Journal of Public Health Science* 1:37-48, 2012
44. Tanaka M, Ma E, Tanaka H, Ioka A, Nakahara T, Takahashi H. Trend of stomach cancer mortality in Eastern Asia in 1950-2004: comparative study of Japan, Hong Kong and Singapore using age, period, and cohort analysis. *Int J Cancer* 130:930-936, 2012
45. Tanaka N, Saitou H, Takao T, Iizuka N, Okuno J, Yano H, Tamaoka A, Yanagi H. Effects of gait rehabilitation with a footpad-type locomotion interface in patients with chronic post-stroke hemiparesis: a pilot study. *Clin Rehabil* 26(8):686-695, 2012
46. Tokuda K. Scope of study conducted for understanding special needs. *Journal of East Asian Studies* 3:1-7, 2012
47. Tokuda K, Mizuno T. Psychological difficulties demonstrated by young children who experienced the Great East Japan Earthquake and its aftershocks. *The Asian Journal of Child Care* 3:1-8, 2012
48. Tokuda K, Mizuno T, Nishidate A. Awareness and confusion of salespeople at department stores to customers who display behavioral characteristics which are different from normal people -As a material for considering shopping assistance for persons with developmental disabilities-. *The Asian Journal of Disable Sociology* 12:1-8, 2012
49. Tsuji H, Arai T, Kametani F, Nonaka T, Yamashita M, Suzukake M, Hosokawa M, Yoshida M,

- Hatsuta H, Takao M, Saito Y, Murayama S, Akiyama H, Hasegawa M, Mann DM, Tamaoka A. Molecular analysis and biochemical classification of TDP-43 proteinopathy. *Brain* 135(Pt 11):3380-3391, 2012
50. Tsuji H, Nonaka T, Yamashita M, Masuda-Suzukake M, Kametani F, Akiyama H, Mann DM, Tamaoka A, Hasegawa M. Epitope mapping of antibodies against TDP-43 and detection of protease-resistant fragments of pathological TDP-43 in amyotrophic lateral sclerosis and frontotemporal lobar degeneration. *Biochem Biophys Res Commun* 417(1):116-121, 2012
 51. Tsujimoto T, Sairenchi T, Iso H, Irie F, Yamagishi K, Tanaka K, Muto T, Ota H. Impact of obesity on incident hypertension independent of weight gain among nonhypertensive Japanese: the Ibaraki Prefectural Health Study (IPHS). *J Hypertens* 30(6):1122-1128, 2012
 52. Watanabe M, Tamaoka A, Morishita Y, Noguchi M. Cilnidipine lowers plasma leptin of patients with obese hypertension associated with cerebrovascular disorder. *Open Access Scientific Reports* 1:529, 2012
 53. Yamagishi K, Sato S, Kitamura A, Kiyama M, Okada T, Tanigawa T, Ohira T, Imano H, Kondo M, Okubo I, Ishikawa Y, Shimamoto T, Iso H, Investigators C. Cost-effectiveness and budget impact analyses of a long-term hypertension detection and control program for stroke prevention. *J Hypertens* 30(9):1874-1879, 2012

b) 英文以外の論文

1. 合川勇三, 大谷保和, 森田展彰, 梅野充, 岡田直大, 池田朋広, 梅津寛, 妹尾栄一, 中谷陽二, 岡崎祐士. 東京都立松沢病院における第2次乱用期と第3次乱用期の覚せい剤関連障害入院患者の差違. *日本アルコール・薬物医学会雑誌* 47(2):57-67, 2012
2. 安心院朗子, 水野智美, 徳田克己. 若年脳損傷者の外出における主介護者の介護負担感. *日本公衆衛生雑誌* 59(1):11-18, 2012
3. 石井一弘, 玉岡晃: ガランタミンの長期有効例—約3年半にわたり認知機能が維持された1例—. *Cognition and Dementia* 11(1):67-71, 2012.
4. 柏木聖代. 【ケアの質評価の動向と課題】在宅サービスのアウトカム評価と質改善. *社会保障研究* 48(2):152-164, 2012
5. 木田春代, 武田文, 朴峠周子. 幼児の母親における幼少期の食生活と現在の偏食との関連. *日本公衆衛生雑誌* 59(2):112-119, 2012
6. 新小田春美, 末次美子, 加藤則子, 浅見恵梨子, 神山潤, 内村直尚, 樗木晶子, 西岡和男, 大久保一郎, 松本一弥, 南部由美子, 加来恒壽. 幼児の遅寝をもたらす親子の睡眠生活習慣の分析. *福岡医学雑誌* 103(1):12-23, 2012
7. 曾根稔雅, 中谷直樹, 遠又靖丈, 相田潤, 大久保一郎, 大原里子, 大渕修一, 杉山ひろ子, 安村誠司, 鈴木隆雄, 辻一郎. 介護予防サービス利用者における日常生活の過ごし方と要介護認定者等の推移との関連. *日本衛生学雑誌* 67:401-407, 2012
8. 徳田克己. 幼稚園の中にある「元気な子ども信仰」. *幼児の教育* 111(2):13-16, 2012
9. 西館有沙, 徳田克己. 発達障害児の学校生活を描いた物語『架け橋』の内容分析—教員研修用

教材としての活用の可能性を探るー. 全南大学東アジア研究所紀要 3:19-24, 2012

10. 朴峠周子, 武田文, 坂野純子, 戸ヶ里泰典, 山崎喜比古, 門間貴史, 浅沼徹, 木田春代. 小学校高学年児童の1年間におけるストレス対処力(SOC)の変動. 厚生指標 59(6):1-6, 2012
11. 松本俊彦, 成瀬暢也, 梅野充, 青山久美, 小林桜児, 嶋根卓也, 森田展彰, 和田清. Benzodiazepines 使用障害の臨床的特徴とその発症の契機となった精神科治療の特徴に関する研究. 日本アルコール・薬物医学会雑誌 47(6):317-330, 2012
12. 水野智美. 親を不安にさせる育児書のタイトルー1980 年以降の育児書のタイトルの分析よりー. 全南大学東アジア研究所紀要 3:33-39, 2012
13. 水野智美, 徳田克己. 家庭における幼児の童話・昔話離れ現象の実態. アジア子ども支援学研究 3:79-91, 2012
14. 水野智美, 徳田克己. 道徳副読本における障害の扱われ方の変化ー2003 年度版と 2010 年度版とを比較してー. 教材学研究 23:273-280, 2012
15. 水野智美, 西館有沙, 徳田克己. 発達障害に関する幼児の認識. 障害理解研究 14:1-10, 2012
16. 森田展彰, 幸田実, 梅野充, 池田朋広, 谷部陽子, 遠藤恵子, 阿部幸枝, 平井秀幸, 高橋康二, 合川勇三, 妹尾栄一. 薬物乱用者の希死念慮の危険因子に関する研究. 日本アルコール・薬物医学会雑誌 47(1):24-38, 2012
17. 山岸良匡, 大久保一郎, 佐藤眞一, 北村明彦, 木山昌彦, 岡田武夫, 谷川武, 大平哲也, 今野弘規, 近藤正英, 石川善紀, 嶋本喬, 磯博康. 長期的な脳卒中予防対策に関する費用効果分析 自治体の視点から見た分析. 日本循環器病予防学会誌 47(3):223-230, 2012
18. 山本駿, 高橋秀人, 和田一郎, 宇田晃仁, 馬恩博. 学級閉鎖の有効性に関する研究ー新型インフルエンザ流行時の小学校におけるクラス内欠席者割合と実施日数より予測される学級閉鎖後の欠席割合ー. 厚生指標 59(7):9-17, 2012
19. 吉田映理子, 徳田克己. 発達障害児者とその家族が求める保育者及び教師に対するニーズーホームページ及びブログの内容に基づく分析ー. 障害理解研究 14:73-82, 2012
20. 吉田映理子, 水野智美, 徳田克己. ウェブ上のホームページ及びブログの内容からみた発達障害児者とその家族のニーズ1ー一般社会に対するニーズを中心にー. 全南大学東アジア研究所紀要 3:53-60, 2012

c) 英文著書

1. Imano H, Kitamura A, Kiyama M, Ohira T, Cui R, Muraki I, Shimizu Y, Umesawa M, Maeda K, Ido M, Okada T, Nakamura M, Noda H, Yamagishi K, Sato S, Tanigawa T, Ishikawa Y, Iso H. Usefulness of skinfold thickness measurements for determining body fat distribution and disease risk for Japanese men and women. in "Handbook of Anthropometry: Physical measures of human form in health and disease" (edited by Preedy VR), Springer (New York), 2012; pp2667-2678

d) 英文以外の著書

1. 玉岡晃. 第8章. アミロイドβ蛋白に対する治療法があると聞きましたが、どのような薬剤があるのでしょうか?; "認知症診療Q&A92" (編集 中島健二, 和田健二), 中外医学社 (東京) 2012; pp294-296
2. 玉岡晃. 第J章. Alzheimer病; "イヤーノートTOPICS 2012-2013内科・外科疾患 (第2版)" (編集 岡庭豊, 荒瀬康司, 三角和雄), MEDIC MEDIA (東京) 2012; pp266-268
3. 玉岡晃. 第13章. アルツハイマー病・認知症; "病気と薬 パーフェクトBOOK2012" (編集 横田千津子, 池田宇一, 大越教夫(監修・編集)), 南山堂 (東京) 2012; pp778-785
4. 玉岡晃. 第1章. 周辺症状; "認知症 神経心理学的アプローチ" (総編集 辻省次, 専門編集 河村満), 中山書店 (東京) 2012; pp11-14
5. 玉岡晃. 第21章. 神経疾患に対する抗体療法—アルツハイマー病における免疫療法—; "別冊・医学のあゆみ 抗体医療Update—開発コンセプトから最新治療実績まで—" (編集 中山俊憲, 中島裕史), 医歯薬出版株式会社 (東京) 2012; pp130-135
6. 玉岡晃. 第8章. 脳脊髄液中のアミロイドβ蛋白やタウ蛋白を測定することがあると聞きましたが、どのような意義があるのでしょうか?; "認知症診療Q&A92" (編集 中島健二, 和田健二), 中外医学社 (東京) 2012; pp297-300
7. 徳田克己. 第1講. 現在の学校と子どもたち; "ここだけは押さえない学校臨床心理学 (第1版)" (編集 小林朋子, 徳田克己), 文化書房博文社 (東京) 2012; pp7-12.
8. 水野智美. 第14講. 心理アセスメント; "ここだけは押さえない学校臨床心理学 (第1版)" (編集 小林朋子, 徳田克己), 文化書房博文社 (東京) 2012; pp118-126
9. 水野智美, 大越和美, 西村実穂. 第2章. 気になる子への対応; "具体的な対応がわかる気になる子の保育 (第1版)" (監修 徳田克己, 編集 水野智美), チャイルド本社 (東京) 2012; pp20-118
10. 森田展彰. 第9章. アタッチメントの観点からみた物質使用障害の理解と援助; "アタッチメントの実践と応用—医療・福祉・教育・司法現場からの報告—" (編集 数井みゆき), 誠信書房 (東京) 2012; pp169-181
11. 森田展彰. 第28章. 親が暴力をふるう; "中高生のためのメンタル系サバイバルガイド" (編集 松本俊彦), 日本評論社 (東京) 2012; pp156-160
12. 森田展彰. 第IV-4章. 心理社会的治療, 第IV-7章. ダルクや自助グループ活動との連携, 第IV-5章. 暴力などトラウマ問題を抱えた薬物事例に対する心理社会的援助; "精神科救急医療ガイドライン(規制薬物関連精神障害 (第1版))" (編集 医療政策委員会 日本精神科救急学会), へるす出版 (東京) 2012; pp65-72, pp72-80, pp86-90
13. 森田展彰. 第3章. パーソナリティ障害および暴力, 第4章. アルコール・薬物の問題; "虐待を受けた子どものケア・治療 (第1版)" (編集 奥山真紀子, 西澤哲, 森田展彰), 診断と治療社 (東京) 2012; pp134-150, pp151-164

生体機能制御・再生研究グループ

a)英文論文

1. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7): 779-784, 2012
2. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
3. Nagasaki Y. Nitroxide radicals and nanoparticles: a partnership for nanomedicine radical delivery. *Ther Deliv* 3(2):165-179, 2012
4. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012
5. Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int* 3:9, 2012
6. Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg* 117(2): 363-371, 2012
7. Oyane A, Tsurushima H, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4): 1011-1019, 2012.
8. Oyane A, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4): 1011-1019, 2012
9. Saida T, Masumoto T, Nakai Y, Shiigai M, Matsumura A, Minami M. Moyamoya disease: evaluation of postoperative revascularization using multiphase selective arterial spin labeling MRI. *J Comput Assist Tomogr* 36(1): 143-149, 2012
10. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A, Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12): 878-884, 2012.
11. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4): 194-201, 2012
12. Sumitani S, Oishi M, Yaguchi T, Murotani H, Horiguchi Y, Suzuki M, Ono K, Yanagie H, Nagasaki Y. Pharmacokinetics of core-polymerized, boron-conjugated micelles designed for boron neutron capture therapy for cancer. *Biomaterials* 33(13): 3568-3577, 2012

13. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3): 361-373, 2012
14. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A, Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vascular Surgery* 55(2): 506-516, 2012
15. Tanaka F, Matsuzoe S. Children Teach a Care-Receiving Robot to Promote Their Learning: Field Experiments in a Classroom for Vocabulary Learning. *Journal of Human-Robot Interaction* 1(1): 78-95, 2012
16. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13:064208, 2012

b)英文以外の論文

1. Masumoto T, Shiigai M, Nasu K, Minami M. Recently developed MR imaging sequences and clinical applications. No shinkei geka Neurological surgery 40(10):859-869, 2012
2. Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. Granular cell tumor of the neurohypophysis observed with hypoglycemic attack. No Shinkei Geka 40(8):723-728, 2012

c)英文著書

1. Matsuzoe S, Tanaka F. How Smartly Should Robots Behave?: Comparative Investigation on the Learning Ability of a Care-Receiving Robot; in "Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)" 2012; pp339-344
2. Takahashi T, Morita M, Tanaka F. Evaluation of a Tricycle-style Teleoperational Interface for Children: a Comparative Experiment with a Video Game Controller; in "Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)" 2012; pp334-338
3. Tanaka F, Takahashi T. A Tricycle-style Teleoperational Interface that Remotely Controls a Robot for Classroom Children; in "Proceedings of 7th ACM/IEEE International Conference on Human-Robot Interaction (HRI 2012)" 2012; pp255-256
4. Tsuruta W, Yamamoto T, Matsumura A. Prevention of Vascular Restenosis After Vascular Angioplasty; in "Neutron Capture Therapy: Principles and Applications" Springer 2012; pp513-520
5. Yamamoto T, Matsumura A. Non-operative BNCT for GBM; in "Neutron Capture Therapy" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer 2012; pp521-530

d)英文以外の著書

1. 大須賀覚, サンペトラオルテア, 松村明, 佐谷秀行. 連載 知っておきたいCancer Stem Cell 第2回 脳腫瘍幹細胞と治療戦略. *Mebio* Vol.28 No.9; pp7-13, 2012
2. 大矢根綾子, 矢崎侑振, 鶴嶋英夫, 王秀鵬, 十河友, 伊藤敦夫, 山崎敦司. リン酸カルシウム複合層を利用した遺伝子導入と再生医療応用; *無機マテリアル学会機関誌*19, 2012; pp466-472
3. 鶴嶋英夫. 臨床研究におけるトピックス 個別化医療の臨床研究と経済評価; *日本医療・病院管理学会誌* 49(3), 2012; pp55
4. 鶴嶋英夫, 本間真人, 土岐浩介, 幸田幸直. 臨床研究の進め方; *医学物理 日本医学物理学会*, 2012; pp47
5. 増本智彦. 脳腫瘍(章編者); "よくわかる脳MRI (第3版)" (編集 青木茂樹, 相田典子, 井田正博, 大場洋), 学研メディカル秀潤社 (東京) 2012; pp48-133

筑波発ナノ粒子の包括的臨床応用

a)英文論文

1. Aita Y, Ishii KA, Saito Y, Ikeda T, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib inhibits catecholamine synthesis and secretion in pheochromocytoma tumor cells by blocking VEGF receptor 2 via PLC-gamma-related pathways. *Am J Physiol Endocrinol Metab* 303(8):E1006-1014, 2012
2. Arai H, Ishibashi S, Bujo H, Hayashi T, Yokoyama S, Oikawa S, Kobayashi J, Shirai K, Ota T, Yamashita S, Gotoda T, Harada-Shiba M, Sone H, Eto M, Suzuki H, Yamada N, Research Committee for Primary Hyperlipidemia RoMaIDbtMoHL, Welfare in J. Management of type IIb dyslipidemia. *J Atheroscler Thromb* 19(2):105-114, 2012
3. Fujihara K, Saito A, Heianza Y, Gibo H, Suzuki H, Shimano H, Saito K, Kodama S, Yamada N, Sone H. Impact of psychological stress caused by the Great East Japan Earthquake on glycemic control in patients with diabetes. *Exp Clin Endocrinol Diabetes* 120(9):560-563, 2012
4. Fujimoto Y, Nakagawa Y, Shingyouchi A, Tokushige N, Nakanishi N, Satoh A, Matsuzaka T, Ishii KA, Iwasaki H, Kobayashi K, Yatoh S, Suzuki H, Yahagi N, Urayama O, Yamada N, Shimano H. Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. *Biochem Biophys Res Commun* 420(4):931-936, 2012
5. Gotoda T, Shirai K, Ohta T, Kobayashi J, Yokoyama S, Oikawa S, Bujo H, Ishibashi S, Arai H, Yamashita S, Harada-Shiba M, Eto M, Hayashi T, Sone H, Suzuki H, Yamada N, Research Committee for Primary Hyperlipidemia RoMaIDbtMoHL, Welfare in J. Diagnosis and management of type I and type V hyperlipoproteinemia. *J Atheroscler Thromb* 19(1):1-12, 2012
6. Hasegawa H, Noguchi J, Yamashita M, Okada R, Sugimoto R, Furuya M, Unoki T, Funakoshi Y, Baba T, Kanaho Y. Phosphatidylinositol 4-phosphate 5-kinase is indispensable for mouse spermatogenesis. *Biol Reprod* 86(5):136, 131-112, 2012
7. Hirasawa R, Saito K, Yachi Y, Ibe Y, Kodama S, Asumi M, Horikawa C, Saito A, Heianza Y, Kondo K, Shimano H, Sone H. Quality of Internet information related to the Mediterranean diet. *Public Health Nutr* 15(5):885-893, 2012
8. Ikeda Y, Nagasaki Y. PEGylation Technology in Nanomedicine, Advances in Polymer Science. *Polymers in Nanomedicine* 247:115-140, 2012
9. Indo HP, Inanami O, Koumura T, Suenaga S, Yen HC, Kakinuma S, Matsumoto K, Nakanishi I, St Clair WS, St Clair DK, Matsui H, Cornette R, Gusev O, Okuda T, Nakagawa Y, Ozawa T, Majima HJ. Roles of mitochondria-generated reactive oxygen species on X-ray-induced apoptosis in a human hepatocellular carcinoma cell line, HLE. *Free Radic Res* 46(8):1029-1043, 2012
10. Iwasaki H, Naka A, Iida KT, Nakagawa Y, Matsuzaka T, Ishii KA, Kobayashi K, Takahashi A, Yatoh S, Yahagi N, Sone H, Suzuki H, Yamada N, Shimano H. TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. *Am J Physiol Endocrinol Metab* 302(7):E896-902, 2012
11. Kamimura M, Kim JO, Kabanov AV, Bronich TK, Nagasaki Y. Block ionomer complexes of

- PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. *J Control Release* 160(3):486-494, 2012
12. Kishimoto M, Minagawa M, Yanagihara H, Oda T, Ohkochi N, Kita E. Synthesis and magnetic properties of platelet γ -Fe₂O₃ particles for medical applications using hysteresis-loss heating. *Journal of Magnetism and Magnetic Materials* 324:1285-1289, 2012
 13. Kodama S, Horikawa C, Fujihara K, Heianza Y, Hirasawa R, Yachi Y, Sugawara A, Tanaka S, Shimano H, Iida KT, Saito K, Sone H. Comparisons of the strength of associations with future type 2 diabetes risk among anthropometric obesity indicators, including waist-to-height ratio: a meta-analysis. *Am J Epidemiol* 176(11):959-969, 2012
 14. Kodama S, Saito K, Tanaka S, Horikawa C, Fujiwara K, Hirasawa R, Yachi Y, Sone Y, Tada-Iida K, Shimano H, Ohashi Y, Yamada N, Sone H. Fasting and post-challenge glucose as quantitative cardiovascular risk factors: a meta-analysis. *J Atheroscler Thromb* 19(4):385-396, 2012
 15. Lerner AG, Upton JP, Praveen PV, Ghosh R, Nakagawa Y, Igbaria A, Shen S, Nguyen V, Backes BJ, Heiman M, Heintz N, Greengard P, Hui S, Tang Q, Trusina A, Oakes SA, Papa FR. IRE1alpha induces thioredoxin-interacting protein to activate the NLRP3 inflammasome and promote programmed cell death under irremediable ER stress. *Cell Metab* 16(2):250-264, 2012
 16. Matsuzaka T, Atsumi A, Matsumori R, Nie T, Shinozaki H, Suzuki-Kemuriyama N, Kuba M, Nakagawa Y, Ishii K, Shimada M, Kobayashi K, Yatoh S, Takahashi A, Takekoshi K, Sone H, Yahagi N, Suzuki H, Murata S, Nakamuta M, Yamada N, Shimano H. Elov16 promotes nonalcoholic steatohepatitis. *Hepatology* 56(6):2199-2208, 2012
 17. Nagasaki Y. Nitroxide radicals and nanoparticles: a partnership for nanomedicine radical delivery. *Ther Deliv* 3(2):165-179, 2012
 18. Naka A, Iida KT, Nakagawa Y, Iwasaki H, Takeuchi Y, Satoh A, Matsuzaka T, Ishii KA, Kobayashi K, Yatoh S, Shimada M, Yahagi N, Suzuki H, Sone H, Yamada N, Shimano H. TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. *Biochem Biophys Res Commun* doi: 10.1016/j.bbrc.2012.11.094., 2012
 19. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012
 20. Ogata H, Tokuyama K, Nagasaka S, Tsuchita T, Kusaka I, Ishibashi S, Suzuki H, Yamada N, Hamano K, Kiyono K, Struzik ZR, Yamamoto Y. The lack of long-range negative correlations in glucose dynamics is associated with worse glucose control in patients with diabetes mellitus. *Metabolism* 61(7):1041-1050, 2012
 21. Ohara Y, Oda T, Yamada K, Hashimoto S, Akashi Y, Miyamoto R, Kobayashi A, Fukunaga K, Sasaki R, Ohkohchi N. Effective delivery of chemotherapeutic nanoparticles by depleting host Kupffer cells. *Int J Cancer* 131(10):2402-2410, 2012
 22. Oyane A, Wang X, Sogo Y, Ito A, Tsurushima H. Calcium phosphate composite layers for surface-mediated gene transfer. *Acta Biomater* 8(6):2034-2046, 2012

23. Oyane A, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4):1011-1019, 2012
24. Saito Y, Tanaka Y, Aita Y, Ishii KA, Ikeda T, Isobe K, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib induces apoptosis in pheochromocytoma tumor cells by inhibiting VEGFR2/Akt/mTOR/S6K1 pathways through modulation of Bcl-2 and BAD. *Am J Physiol Endocrinol Metab* 302(6):E615-625, 2012
25. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A, Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12): 878-884, 2012.
26. Sumitani S, Oishi M, Yaguchi T, Murotani H, Horiguchi Y, Suzuki M, Ono K, Yanagie H, Nagasaki Y. Pharmacokinetics of core-polymerized, boron-conjugated micelles designed for boron neutron capture therapy for cancer. *Biomaterials* 33(13):3568-3577, 2012
27. Takeichi N, Midorikawa S, Watanabe A, Naing BT, Tamura H, Wakakuri-Kano T, Ishizaki A, Sugihara H, Nissato S, Saito Y, Aita Y, Ishii KA, Igarashi T, Kawakami Y, Hara H, Ikeda T, Shimizu K, Suzuki S, Shimano H, Kawamoto M, Shimada T, Watanabe T, Oikawa S, Takekoshi K. Identical germline mutations in the TMEM127 gene in two unrelated Japanese patients with bilateral pheochromocytoma. *Clin Endocrinol (Oxf)* 77(5):707-714, 2012
28. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vascular Surgery* 55(2): 506-516, 2012.
29. Vong LB, Tomita T, Yoshitomi T, Matsui H, Nagasaki Y. An orally administered redox nanoparticle that accumulates in the colonic mucosa and reduces colitis in mice. *Gastroenterology* 143(4):1027-1036, 2012
30. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13: on line published 064204(8pp), 2012.
31. Yokoyama S, Yamashita S, Ishibashi S, Sone H, Oikawa S, Shirai K, Ohta T, Bujo H, Kobayashi J, Arai H, Harada-Shiba M, Eto M, Hayashi T, Gotoda T, Suzuki H, Yamada N. Background to discuss guidelines for control of plasma HDL-cholesterol in Japan. *J Atheroscler Thromb* 19(3):207-212, 2012
32. Yoshino T, Kawai K, Miyazaki J, Kimura T, Ikeda A, Takaoka E, Suetomi T, Oikawa T, Kojima T, Iwasaki H, Shimano H, Nishiyama H. A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. *Jpn J Clin Oncol* 42(8):764-766, 2012
33. Yoshitomi T, Yamaguchi Y, Kikuchi A, Nagasaki Y. Creation of a blood-compatible surface: a novel strategy for suppressing blood activation and coagulation using a nitroxide radical-containing polymer with reactive oxygen species scavenging activity. *Acta Biomater* 8(3):1323-1329, 2012
34. Yuan X, Fabregat D, Yoshimoto K, Nagasaki Y. High PEGylation efficiency of

pentaethylenehexamine-end poly(ethylene glycol) (mPEG-N6) for active-ester surface. *Colloids Surf B Biointerfaces* 92:25-29, 2012

b) 英文以外の論文

1. 小林和人, 島野仁. 【最新臨床糖尿病学 上-糖尿病学の最新動向-】 糖尿病の予防・管理・治療 糖尿病薬物療法 糖尿病治療薬 薬理作用・適応・副作用など スルホニル尿素薬(SU 薬). 日本臨床 70(増刊 3 最新臨床糖尿病学(上)):602-607, 2012
2. 島野仁. 【脂質異常症-日常診療に必要な知識をまとめよう】 Key words 転写因子による脂質代謝制御. カレントセラピー 30(3):262, 2012
3. 島野仁. 腸管からのシグナル 特集にあたって. The Lipid 23(3):236-237, 2012
4. 島野仁. はじめに. 別冊・医学のあゆみ エネルギー代謝転写因子ネットワークと生活習慣病、医歯薬出版 1, 2012
5. 島野仁. What's New in SURGERY FRONTIER(第 75 回) 最新の脂肪酸バイオロジー研究 脂肪酸合成転写因子 SREBP-1c と生活習慣病. Surgery Frontier 19(4):436-438, 2012
6. 島野仁, 荒井秀典, 吉田雅幸, 酒井寿郎. 今後の動脈硬化研究の方向性-炎症、エピゲノム、予防に向けての視覚化 グローバルな視点から-(Doctor's Talk). 動脈硬化予防 11(3):90-97, 2012
7. 島野仁, 横手幸太郎. 糖尿病を合併した脂質異常症に対する治療戦略、エキスパート対談. 「日本人の脂質管理を考える-超高齢社会を迎えた現在-」シリーズ3 1-6, 2012
8. 中彩乃, 飯田薫子, 島野仁. 【脂質代謝の新視点】 脂質代謝の低下と運動. 体育の科学 62(11):818-822, 2012
9. 松坂賢, 島野仁. 【炎症・代謝性疾患に潜む脂質メタボリズム 脂肪酸の質の違いが制御するストレス応答と病態】 脂肪酸の質に視点を置いた栄養シグナル. 実験医学 30(3):412-417, 2012
10. 矢藤繁, 山田信博. 【最新臨床糖尿病学 下-糖尿病学の最新動向-】 糖尿病合併症・糖尿病関連疾患 我が国における糖尿病の合併症の現状と今後の課題. 日本臨床 70(増刊 5 最新臨床糖尿病学(下)):213-218, 2012
11. 矢作直也. 医の提言:糖尿病早期発見の新しい試み. Animus 73:51-52, 2012
12. 矢作直也. スタチンにより糖尿病発症リスクは増大するか? CORE Journal 循環器 1:6-11, 2012
13. 矢作直也. 【動脈硬化研究の新機軸】 PUFA と抗動脈硬化. 動脈硬化予防 11(3):75-81, 2012
14. 矢作直也. 肥満・メタボリックシンドロームの病態解明のための中性脂肪合成系の転写調節機構の研究. 糖尿病合併症 26(1):18-27, 2012
15. 矢作直也, 島野仁. 【栄養素の受容・情報伝達と代謝制御】 コレステロールの恒常性維持機構アップデート. 内分泌・糖尿病・代謝内科 34(4):313-319, 2012
16. 和田攻, 八谷寛, 島野仁, 石橋俊. 【実地臨床栄養 日常診療に不可欠な情報とその活用】 実地医家は、肥満・生活習慣病改善に臨床栄養の最大限活用を. Medical Practice 29(9):1451-1468, 2012

d) 英文以外の著書

1. 上村真生, 長崎幸夫. PEG 修飾希土類含有セラミックスナノ粒子による近赤外光バイオイメーシング; “未来材料 (第 12 版)” 2012; pp 24-30
2. 大崎芳典, 島野仁. 第 16 章. 疾患各論(脂質代謝異常); “実地医家のための臨床検査のすすめかた・評価のしかた” (Medical Practice 編集委員会), 文光堂 (東京) 2012; pp227-238
3. 大矢根綾子, 矢崎侑振, 鶴嶋英夫, 王秀鵬, 十河友, 伊藤敦夫, 山崎敦司. リン酸カルシウム複合層を利用した遺伝子導入と再生医療応用; “無機マテリアル学会機関誌 (第 19 版)” 2012; pp466-472
4. 島野仁. 第 6 章. 糖尿病大血管障害; “内分泌代謝専門医ガイドブック (第 3 版)” (編集 成瀬光栄, 平田結喜緒, 島津章), 診断と治療社 (東京) 2012; pp347-351
5. 島野仁. III 章 1～4. 療養指導各論(III 章 1～4、1 診断と治療に関する知識、2 食事療法、3 運動療法、4 薬物療法); “日本糖尿病療養指導士受験ガイドブック 2012” (編集 日本糖尿病療養指導士認定機構), メディカルレビュー社(大阪) 2012; pp27-58
6. 長崎幸夫. 生体適合性ポリエチレングリコール表面の構築; “高分子 2 月号 61”, 2012; pp77-82
7. 松村明. 脳腫瘍の最新放射線治療; “BRAIN(日本脳神経財団ニュース)” 2012; pp6-7
8. 松村明, 鶴嶋英夫. 脳梗塞、神経・筋疾患の病態と診断・治療 (I); “医学と薬学” (東京) 2012; pp11-16

a) 英文論文

1. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
2. Funayama T, Sakane M, Abe T, Hara I, Ozeki E, Ochiai N. Intraoperative Near-infrared Fluorescence Imaging with Novel Indocyanine Green-Loaded Nanocarrier for Spinal Metastasis: A Preliminary Animal Study. *Open Biomed Eng J* 6:80-84, 2012
3. Funayama T, Sakane M, Abe T, Ochiai N. Photodynamic therapy with indocyanine green injection and near-infrared light irradiation has phototoxic effects and delays paralysis in spinal metastasis. *Photomed Laser Surg* 30(1):47-53, 2012
4. Mutsuzaki H, Ito A, Sogo Y, Sakane M, Oyane A, Ochiai N. Enhanced wound healing associated with Sharpey's fiber-like tissue formation around FGF-2-apatite composite layers on percutaneous titanium screws in rabbits. *Arch Orthop Trauma Surg* 132(1):113-121, 2012
5. Mutsuzaki H, Kanamori A, Ikeda K, Hioki S, Kinugasa T, Sakane M. Effect of calcium phosphate-hybridized tendon graft in anterior cruciate ligament reconstruction: a randomized controlled trial. *Am J Sports Med* 40(8):1772-1780, 2012
6. Mutsuzaki H, Sakane M, Nakajima H, Ochiai N. Calcium phosphate-hybridised tendon graft to reduce bone-tunnel enlargement after ACL reconstruction in goats. *Knee* 19(4):455-460, 2012
7. Oyane A, Wang X, Sogo Y, Ito A, Tsurushima H. Calcium phosphate composite layers for surface-mediated gene transfer. *Acta Biomater* 8(6):2034-2046, 2012
8. Oyane A, Yazaki Y, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of a DNA-lipid-apatite composite layer for efficient and area-specific gene transfer. *J Mater Sci Mater Med* 23(4):1011-1019, 2012
9. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012
10. Sakane M, Mutsuzaki H, Nakajima H, Hattori S, Shirozu Y, Miyake Y, Ochiai N. Anterior cruciate ligament insertion after partial tear: histological changes and chondrocyte turnover. *Knee Surg Sports Traumatol Arthrosc* 20(1):102-108, 2012
11. Yanagi K, Fukuda E, Jotatsu Y, Shikano M, Miyake S. Regulatory frameworks for cell therapy products in Japan. *J Artif Organs* 15(4):325-330, 2012
12. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13: 064204(064208pp), 2012
13. Yoshioka T, Kanamori A, Washio T, Aoto K, Uemura K, Sakane M, Ochiai N. The effects of plasma rich in growth factors (PRGF-Endoret) on healing of medial collateral ligament of the knee. *Knee Surg Sports Traumatol Arthrosc* 21(8):1763-1769, 2012

b) 英文以外の論文

1. 安部哲哉, 坂根正孝, 野澤大輔, 牧原武史, 日置繁. PELD 術後に増悪した腰椎椎間板ヘルニアの 3 例. *Journal of Spine Research* 3(8):1139-1143, 2012
2. 安部哲哉, 坂根正孝, 藤井賢吾, 船山徹, 渡辺新. 高齢者の椎体骨折に対するハイドロキシアパタイトブロックを用いた経皮的椎体形成術の手術成績. *臨床整形外科* 47(5):477-486, 2012
3. 井汲彰, 坂根正孝, 野口裕史, 船山徹, 渡辺新, 落合直之. 石灰化像を呈した胸椎部神経鞘腫の 1 例. *整形・災害外科* 55(4):427-430, 2012
4. 大矢根綾子, 矢崎侑振, 鶴嶋英夫, 王秀鵬, 十河友, 伊藤敦夫, 山崎敦司. リン酸カルシウム複合層を利用した遺伝子導入と再生医療応用. *無機マテリアル学会機関誌* 19:466-472, 2012
5. 菅谷久, 三島初, 青戸克哉, 赤荻博, 坂根正孝, 落合直之. 濃縮自家骨髄血移植後 1 年以上経過した骨癒合不全 9 例の治療成績. *骨折* 34(2):417-420, 2012
6. 辰村正紀, 安部哲哉, 天野国明, 坂根正孝. スポーツ復帰のための腰椎手術療法 腰椎椎間板ヘルニアに対する経皮的内視鏡下髄核摘出術(PED)を施行したトップレベル運動選手の復帰. *日本整形外科スポーツ医学会雑誌* 32(3):226-232, 2012
7. 田中利和, 野内隆治, 小川健, 井汲彰, 坂根正孝, 落合直之. 橈骨遠位端骨折に対するハイドロキシアパタイト配孔連通多孔体<リジェノス>の使用経験. *関東整形災害外科学会雑誌* 43(1):1-5, 2012
8. 西野衆文, 坂根正孝, 今給黎直明, 林光俊. バレーボール選手に発症した下肢疲労骨折の特徴 某大学男女チームの受診調査から. *日本整形外科スポーツ医学会雑誌* 32(1):99-103, 2012
9. 長谷川隆司, 船山徹, 坂根正孝, 大西信三, 野口裕史, 落合直之. 手術加療を要する特発性側彎症を呈した一卵性双生児の 1 例. *整形・災害外科* 55(11):1479-1482, 2012
10. 藤江敬子, 安田貢, 橋本幸一, 中田由夫, 原田義則, 水谷太郎. 茨城県北部地区メディカルコントロール協議会における病院外心肺停止患者に対する救命活動と事後検証. *日本臨床救急医学会雑誌* 15(3):408-417, 2012
11. 柳健一. 新たに承認された血糖降下薬における承認審査期間と製造販売後調査計画の動向. *レギュレトリーサイエンス学会誌* 2(2):93-99, 2012

絆社会継続発展モデルとしての小児難病総合

a) 英文論文

1. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
2. Alatas FS, Masumoto K, Esumi G, Nagata K, Taguchi T. Significance of abnormalities in systems proximal and distal to the obstructed site of duodenal atresia. *J Pediatr Gastroenterol Nutr* 54(2):242-247, 2012
3. Chida A, Shintani M, Yagi H, Fujiwara M, Kojima Y, Sato H, Imamura S, Yokozawa M, Onodera N, Horigome H, Kobayashi T, Hatai Y, Nakayama T, Fukushima H, Nishiyama M, Doi S, Ono Y, Yasukouchi S, Ichida F, Fujimoto K, Ohtsuki S, Teshima H, Kawano T, Nomura Y, Gu H, Ishiwata T, Furutani Y, Inai K, Saji T, Matsuoka R, Nonoyama S, Nakanishi T. Outcomes of childhood pulmonary arterial hypertension in BMPR2 and ALK1 mutation carriers. *Am J Cardiol* 110(4):586-593, 2012
4. Fujishiro J, Hori T, Kaneko M, Fukunaga K, Ohkouchi N, Takada Y, Masumoto K. Liver transplantation from a donor with asymptomatic type IV-a choledochal cyst: the long-term postoperative course. *Transplantation* 94(12):e72, 2012
5. Fujishiro J, Komuro H, Ono K, Urita Y, Shinkai T, Minami Y, Kawabata Y, Kishimoto H, Masumoto K. Massive pneumatic expansion of lymphatic vessel resulting in cystic lesions in the pulmonary parenchyma: a rare case of persistent interstitial pulmonary emphysema in a non-ventilated infant. *J Pediatr Surg* 47(12):e21-25, 2012
6. Fukumitsu N, Hashimoto T, Okumura T, Mizumoto M, Tohno E, Fukuda K, Abei M, Sakae T, Sakurai H. Investigation of the geometric accuracy of proton beam irradiation in the liver. *Int J Radiat Oncol Biol Phys* 82(2):826-833, 2012
7. Fukumitsu N, Ishida M, Terunuma T, Mizumoto M, Hashimoto T, Moritake T, Okumura T, Sakae T, Tsuboi K, Sakurai H. Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. *J Radiat Res* 53(6):945-953, 2012
8. Fukumitsu N, Okumura T, Mizumoto M, Oshiro Y, Hashimoto T, Kanemoto A, Hashii H, Ohkawa A, Moritake T, Tsuboi K, Tabuchi K, Wada T, Hara A, Sakurai H. Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or recurrent nasal cavity and paranasal sinus carcinoma treated with proton beam. *Int J Radiat Oncol Biol Phys* 83(2):704-711, 2012
9. Fukumitsu N, Oshiro Y, Hashimoto T, Okumura T, Mizumoto M, Moritake T, Tsuboi K, Sakae T, Sakurai H. Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. *Lung Cancer* 77(1):83-88, 2012
10. Fukushima H, Fukushima T, Hiraki A, Suzuki R, Mahmoud SS, Yoshimi A, Nakao T, Kato K, Kobayashi C, Koike K, Fukasawa M, Morishita Y, Doisaki S, Muramatsu H, Sumazaki R. Central nervous system lesions due to juvenile myelomonocytic leukemia progressed in a boy undergoing

- first line chemotherapy. *Int J Hematol* 95(5):581-584, 2012
11. Hasegawa D, Manabe A, Ohara A, Kikuchi A, Koh K, Kiyokawa N, Fukushima T, Ishida Y, Saito T, Hanada R, Tsuchida M, Tokyo Children's Cancer Study G. The utility of performing the initial lumbar puncture on day 8 in remission induction therapy for childhood acute lymphoblastic leukemia: TCCSG L99-15 study. *Pediatr Blood Cancer* 58(1):23-30, 2012
 12. Hashii H, Hashimoto T, Okawa A, Shida K, Isobe T, Hanmura M, Nishimura T, Aonuma K, Sakae T, Sakurai H. Comparison of the effects of high-energy photon beam irradiation (10 and 18 MV) on 2 types of implantable cardioverter-defibrillators. *Int J Radiat Oncol Biol Phys* doi: 10.1016/j.ijrobp.2012.05.043., 2012
 13. Hashimoto T, Ishikawa H, Okumura T, Makishima H, Ohno T, Kanemoto A, Hashii H, Ohkawa A, Mizumoto M, Sakurai H. Concurrent chemo-proton therapy using 5-fluorouracil and cisplatin for esophageal cancer. *Int J Radiat Oncol Biol Phys* 84:S311-S312, 2012
 14. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
 15. Hidaka S, Ikejima C, Kodama C, Nose M, Yamashita F, Sasaki M, Kinoshita T, Tanimukai S, Mizukami K, Takahashi H, Kakuma T, Tanaka S, Asada T. Prevalence of depression and depressive symptoms among older Japanese people: comorbidity of mild cognitive impairment and depression. *Int J Geriatr Psychiatry* 27(3):271-279, 2012
 16. Hirota T, Takahashi A, Kubo M, Tsunoda T, Tomita K, Sakashita M, Yamada T, Fujieda S, Tanaka S, Doi S, Miyatake A, Enomoto T, Nishiyama C, Nakano N, Maeda K, Okumura K, Ogawa H, Ikeda S, Noguchi E, Sakamoto T, Hizawa N, Ebe K, Saeki H, Sasaki T, Ebihara T, Amagai M, Takeuchi S, Furue M, Nakamura Y, Tamari M. Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. *Nat Genet* 44(11):1222-1226, 2012
 17. Hong Z, Kase Y, Moritake T, Gerelchuluun A, Sun L, Suzuki K, Terunuma T, Yasuoka K, Kumada H, Anzai K, Sakurai H, Sakae T, Tsuboi K. Lineal energy-based evaluation of oxidative DNA damage induced by proton beams and X-rays. *Int J Radiat Biol* doi: 10.3109/09553002.2012.715791., 2012
 18. Horigome H, Katayama Y, Yoshinaga M, Kato Y, Takahashi H, Sumazaki R. Significant associations among hemostatic parameters, adipokines, and components of the metabolic syndrome in Japanese preschool children. *Clin Appl Thromb Hemost* 18(2):189-194, 2012
 19. Iijima H, Kaneko Y, Yamada H, Yatagai Y, Masuko H, Sakamoto T, Naito T, Hirota T, Tamari M, Konno S, Nishimura M, Noguchi E, Hizawa N. A distinct sensitization pattern associated with asthma and the thymic stromal lymphopoietin (TSLP) genotype. *Allergol Int* doi: 10.2332/allergolint.12-OA-0488., 2012
 20. Ishibashi H, Aoyagi K, Kobayashi H, Kurahara K, Kominato K, Kawasaki K, Oshiro Y, Fuchigami T. Endoscopic mucosal resection of inflammatory fibroid polyp in the transverse colon. *Endoscopy* 44 (Suppl 2) UCTN:E15-16, 2012

21. Ito T, Tamiya N, Takahashi H, Yamazaki K, Yamamoto H, Sakano S, Kashiwagi M, Miyaishi S. Factors that prolong the 'postmortem interval until finding' (PMI-f) among community-dwelling elderly individuals in Japan: analysis of registration data. *BMJ Open* 2(5): e1001280, 2012
22. Kakinuma R, Ashizawa K, Kuriyama K, Fukushima A, Ishikawa H, Kamiya H, Koizumi N, Maruyama Y, Minami K, Nitta N, Oda S, Oshiro Y, Kusumoto M, Murayama S, Murata K, Muramatsu Y, Moriyama N. Measurement of focal ground-glass opacity diameters on CT images: interobserver agreement in regard to identifying increases in the size of ground-glass opacities. *Acad Radiol* 19(4):389-394, 2012
23. Kamada Y, Sakata-Yanagimoto M, Sanada M, Sato-Otsubo A, Enami T, Suzukawa K, Kurita N, Nishikii H, Yokoyama Y, Okoshi Y, Hasegawa Y, Ogawa S, Chiba S. Identification of unbalanced genome copy number abnormalities in patients with multiple myeloma by single-nucleotide polymorphism genotyping microarray analysis. *Int J Hematol* 96(4):492-500, 2012
24. Kanegane H, Yang X, Zhao M, Yamato K, Inoue M, Hamamoto K, Kobayashi C, Hosono A, Ito Y, Nakazawa Y, Terui K, Kogawa K, Ishii E, Sumazaki R, Miyawaki T. Clinical features and outcome of X-linked lymphoproliferative syndrome type 1 (SAP deficiency) in Japan identified by the combination of flow cytometric assay and genetic analysis. *Pediatr Allergy Immunol* 23(5):488-493, 2012
25. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Yatagai Y, Yamada H, Konno S, Nishimura M, Noguchi E, Hizawa N. Asthma phenotypes in Japanese adults - their associations with the CCL5 and ADRB2 genotypes. *Allergol Int* doi: 10.2332/allergolint.12-OA-0467, 2012
26. Kanemoto A, Ishikawa H, Mizumoto M, Okumura T, Hashimoto T, Oshiro Y, Fukumitsu N, Tsuboi K, Sakae T, Sakurai H. Proton beam therapy for liver metastasis from breast cancer: Five case reports and a review of the literatures. *International Cancer Conference Journal* 1:210-214, 2012
27. Kanemoto A, Mizumoto M, Okumura T, Takahashi H, Hashimoto T, Oshiro Y, Fukumitsu N, Moritake T, Tsuboi K, Sakae T, Sakurai H. Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. *Acta Oncol* doi: 10.3109/0284186X.2012.718094., 2012
28. Kanemoto A, Oshiro Y, Sugahara S, Kamagata S, Hirobe S, Toma M, Okumura T, Sakurai H. Proton beam therapy for inoperable recurrence of bronchial high-grade mucoepidermoid carcinoma. *Jpn J Clin Oncol* 42(6):552-555, 2012
29. Kato Y, Takahashi-Igari M, Inaba T, Sumazaki R, Horigome H. Comparison of PR intervals determined by fetal magnetocardiography and pulsed Doppler echocardiography. *Fetal Diagn Ther* 32(1-2):109-115, 2012
30. Kawamura H, Ebara T, Katoh H, Tamaki T, Ishikawa H, Sakurai H, Nakano T. Long-term results of curative intraluminal high dose rate brachytherapy for endobronchial carcinoma. *Radiat Oncol* 7:112, 2012
31. Kawamura T, Usui J, Kaseda K, Takada K, Ebihara I, Ishizu T, Iitsuka T, Sakai K, Takemura K,

- Kobayashi M, Koyama A, Kanemoto K, Sumazaki R, Uesugi N, Noguchi M, Nagata M, Suka M, Yamagata K. Primary membranoproliferative glomerulonephritis on the decline: decreased rate from the 1970s to the 2000s in Japan. *Clin Exp Nephrol* doi: 10.1007/s10157-012-0690-7, 2012
32. Kikuma K, Watanabe J, Oshiro Y, Shimogama T, Honda Y, Okamura S, Higaki K, Uike N, Soda T, Momosaki S, Yokota T, Toyoshima S, Takeshita M. Etiological factors in primary hepatic B-cell lymphoma. *Virchows Arch* 460(4):379-387, 2012
 33. Komuro H, Gotoh C. A case of intrauterine gastric perforation in congenital diaphragmatic hernia. *Pediatr Radiol* 42(10):1267-1268, 2012
 34. Komuro H, Gotoh C, Urita Y, Fujishiro J, Shinkai T. A pediatric case of an unusual type of annular pancreas presenting with duodenopancreatic reflux. *Pediatr Surg Int* 28(7):715-717, 2012
 35. Kondo Y, Iijima T, Noguchi M. Evaluation of immunohistochemical staining using whole-slide imaging for HER2 scoring of breast cancer in comparison with real glass slides. *Pathol Int* 62(9):592-599, 2012
 36. Kumada H, Matsumura A, Sakurai H. Project of development of the linac based nct facility in university of tsukuba. *Abstract of 15th International Congress on Neutron Capture Therapy* 109, 2012
 37. Kumada H, Matsumura A, Sakurai H. Development of a new linac based neutron capture therapy devices in university of tsukuba. *Proceedings of PTCOG51*, 2012
 38. Lin L, Horigome H, Nishigami N, Ohno S, Horie M, Sumazaki R. Drug-induced QT-interval prolongation and recurrent torsade de pointes in a child with heterotaxy syndrome and KCNE1 D85N polymorphism. *J Electrocardiol* 45(6):770-773, 2012
 39. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7):779-784, 2012
 40. Masuda Y, Ishikawa E, Takahashi T, Ihara S, Yamamoto T, Zaboronok A, Matsumura A. Dual-port technique in navigation-guided endoscopic resection for intraparenchymal brain tumor. *Surg Neurol Int* 3:35, 2012
 41. Masumoto K, Oka Y, Nakamura M, Ida M, Takano K, Yoshimitsu K, Hirose S, Sakata N, Iwasaki A. Pleomorphic adenoma of the submandibular gland in children: a case report and a review of the Japanese literature. *J Pediatr Hematol Oncol* 34(1):e39-41, 2012
 42. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
 43. Matsuda K, Yoshida N, Miura S, Nakazawa Y, Sakashita K, Hyakuna N, Saito M, Kato F, Ogawa A, Watanabe A, Sotomatsu M, Kobayashi C, Ito T, Ishida F, Manabe A, Kojima S, Koike K. Long-term haematological improvement after non-intensive or no chemotherapy in juvenile myelomonocytic leukaemia and poor correlation with adult myelodysplasia spliceosome-related mutations. *Br J Haematol* 157(5):647-650, 2012
 44. Miki S, Fujita K, Katayama W, Sato M, Kamezaki T, Matsumura A, Sakashita S. Encapsulated

- acute subdural hematoma mimicking acute epidural hematoma on computed tomography. *Neurol Med Chir (Tokyo)* 52(11):826-828, 2012
45. Mizumoto M, Okumura T, Hashimoto T, Fukuda K, Oshiro Y, Fukumitsu N, Abei M, Kawaguchi A, Hayashi Y, Ohkawa A, Hashii H, Kanemoto A, Moritake T, Tohno E, Tsuboi K, Sakae T, Sakurai H. Evaluation of liver function after proton beam therapy for hepatocellular carcinoma. *Int J Radiat Oncol Biol Phys* 82(3):e529-535, 2012
 46. Muroi A, Takano S, Fukushima T, Shimizu T, Matsumura A. Intracranial germinoma manifesting as cavernous sinus syndrome--case report. *Neurol Med Chir (Tokyo)* 52(10):754-756, 2012
 47. Nagata C, Kobayashi H, Sakata A, Satomi K, Minami Y, Morishita Y, Ohara R, Yoshikawa H, Arai Y, Nishida M, Noguchi M. Increased expression of OCIA domain containing 2 during stepwise progression of ovarian mucinous tumor. *Pathol Int* 62(7):471-476, 2012
 48. Nakai Y, Ito Y, Sato M, Nakamura K, Shiigai M, Takigawa T, Suzuki K, Ikeda G, Ihara S, Okumura T, Mizumoto M, Tsuboi K, Matsumura A. Multimodality treatment for cerebral arteriovenous malformations: complementary role of proton beam radiotherapy. *Neurol Med Chir (Tokyo)* 52(12):859-864, 2012
 49. Nakamoto-Matsubara R, Nishikii H, Yamada K, Ito M, Hasegawa Y, Kurita N, Obara N, Okoshi Y, Suzukawa K, Yokoyama Y, Sakata-Yanagimoto M, Noguchi M, Chiba S. Early pathologic findings of bronchiolitis obliterans after allogeneic hematopoietic stem cell transplantation: a proposal from a case. *Case Rep Hematol* 2012:957612, 2012
 50. Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun* 418(1):87-92, 2012
 51. Nishi A, McWilliams JM, Noguchi H, Hashimoto H, Tamiya N, Kawachi I. Health benefits of reduced patient cost sharing in Japan. *Bull World Health Organ* 90(6):426-435A, 2012
 52. Nishi A, Noguchi H, Hashimoto H, Tamiya N. Scale development of health status for secondary data analysis using a nationally representative survey. *Environ Health Prev Med* 17(3):252-257, 2012
 53. Nohara M, Kakiya S, Kudo K, Oshiro Y, Araki S, Kobayashi T, Oku K, Nishibori E, Sawa H. Iron-platinum-arsenide superconductors $\text{Ca}_{10}(\text{PtAs}_8)(\text{Fe}_2\text{XPtAs}_2)_5$. *Solid State Communications* 152:635-639, 2012
 54. Oikawa A, Takahashi H, Ishikawa H, Kurishima K, Kagohashi K, Satoh H. Application of conditional probability analysis to distant metastases from lung cancer. *Oncol Lett* 3(3):629-634, 2012
 55. Oishi M, Chiba K, Fukushima T, Tomono Y, Suwa T. Different truncation methods of AUC between Japan and the EU for bioequivalence assessment: influence on the regulatory judgment. *Drug Metab Pharmacokinet* 27(6):658-662, 2012
 56. Oka Y, Masumoto K, Nakamura M, Iwasaki A. Colonic volvulus detected by CT scan in a case with mental retardation and prune belly syndrome. *Asian J Surg* doi:

- 10.1016/j.asjsur.2011.11.003. Epub 2012 Feb 18.
57. Okonogi N, Hashimoto T, Ishida M, Ohno T, Terunuma T, Okumura T, Sakae T, Sakurai H. Designed-seamless irradiation technique for extended whole mediastinal proton-beam irradiation for esophageal cancer. *Radiat Oncol* 7:173, 2012
 58. Olivares-Tirado P, Tamiya N, Kashiwagi M. Effect of in-home and community-based services on the functional status of elderly in the long-term care insurance system in Japan. *BMC Health Serv Res* 12:239, 2012
 59. Ono M, Hamada Y, Horiuchi Y, Matsuo-Takasaki M, Imoto Y, Satomi K, Arinami T, Hasegawa M, Fujioka T, Nakamura Y, Noguchi E. Generation of induced pluripotent stem cells from human nasal epithelial cells using a Sendai virus vector. *PLoS One* 7(8):e42855, 2012
 60. Onozawa M, Miyana N, Hinotsu S, Miyazaki J, Oikawa T, Kimura T, Takaoka E, Kawai K, Shimazui T, Sakurai H, Nishiyama H, Akaza H. Analysis of Intravesical Recurrence After Bladder-preserving Therapy for Muscle-invasive Bladder Cancer. *Jpn J Clin Oncol* 42(9):825-830, 2012
 61. Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int* 3:9, 2012
 62. Oshiro Y, Mizumoto M, Okumura T, Hashimoto T, Fukumitsu N, Ohkawa A, Kanemoto A, Hashii H, Ohno T, Sakae T, Tsuboi K, Sakurai H. Results of proton beam therapy without concurrent chemotherapy for patients with unresectable stage III non-small cell lung cancer. *J Thorac Oncol* 7(2):370-375, 2012
 63. Oshiro Y, Sakurai H. The use of proton-beam therapy in the treatment of nsclc. *Exp Rev Med Devices* 10:239-245, 2012
 64. Oshiro Y, Yasue H, Hattori S, Sakai K, Osari S, Takeuchi K, Nagata K, Ohkohchi N. The mode of hepatitis e virus infection in primary-cultured human hepatocytes. *Journal of Hepatology* 56:S223, 2012
 65. Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg* 117(2):363-371, 2012
 66. Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)* 52(4):186-193, 2012
 67. Oyama Y, Tamiya N, Kashiwagi M, Sato M, Ohwaki K, Yano E. Factors that allow elderly individuals to stay at home with their families using the Japanese long-term care insurance system. *Geriatr Gerontol Int* 13(3): 764-773, 2013. Epub 2012 Dec 6.
 68. Pech T, Fujishiro J, Finger T, Ohsawa I, Praktiknjo M, Abu-Elmagd K, von Websky M, Overhaus M, Kalff JC, Schaefer N. Combination therapy of tacrolimus and infliximab reduces inflammatory response and dysmotility in experimental small bowel transplantation in rats. *Transplantation* 93(3):249-256, 2012

69. Saida T, Masumoto T, Nakai Y, Shiigai M, Matsumura A, Minami M. Moyamoya disease: evaluation of postoperative revascularization using multiphase selective arterial spin labeling MRI. *J Comput Assist Tomogr* 36(1):143-149, 2012
70. Saida T, Mori K, Sato F, Shindo M, Takahashi H, Takahashi N, Sakakibara Y, Minami M. Prospective intraindividual comparison of unenhanced magnetic resonance imaging vs contrast-enhanced computed tomography for the planning of endovascular abdominal aortic aneurysm repair. *J Vasc Surg* 55(3):679-687, 2012
71. Saito M, Kamoda T, Nishimura K, Miyazono Y, Kanai Y, Kato Y, Iwabuchi A, Fukushima H, Hamada H, Arinami T, Sumazaki R, Noguchi E. Association of adiponectin polymorphism with cord blood adiponectin concentrations and intrauterine growth. *J Hum Genet* 57(2):109-114, 2012
72. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012
73. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4):194-201, 2012
74. Sakurai H, Robert Lee W, Orton CG. Point/counterpoint: we do not need randomized clinical trials to demonstrate the superiority of proton therapy. *Med Phys* 39(4):1685-1687, 2012
75. Sato M, Nakai Y, Takigawa T, Takano S, Matsumura A. Endoscopic third ventriculostomy for obstructive hydrocephalus caused by a large upper basilar artery aneurysm after coil embolization. *Neurol Med Chir (Tokyo)* 52(11):832-834, 2012
76. Shiba-Ishii A, Noguchi M. Aberrant stratifin overexpression is regulated by tumor-associated CpG demethylation in lung adenocarcinoma. *Am J Pathol* 180(4):1653-1662, 2012
77. Tabuchi K, Yamamoto T, Akutsu H, Suzuki K, Hara A. Combined transmastoid/middle fossa approach for intracranial extension of middle ear cholesteatoma. *Neurol Med Chir (Tokyo)* 52(10):736-740, 2012
78. Tachibana K, Minami Y, Shiba-Ishii A, Kano J, Nakazato Y, Sato Y, Goya T, Noguchi M. Abnormality of the hepatocyte growth factor/MET pathway in pulmonary adenocarcinogenesis. *Lung Cancer* 75(2):181-188, 2012
79. Taguchi T, Nagata K, Kinoshita Y, Ieiri S, Tajiri T, Teshiba R, Esumi G, Karashima Y, Hoka S, Masumoto K. The utility of muscle sparing axillar skin crease incision for pediatric thoracic surgery. *Pediatr Surg Int* 28(3):239-244, 2012
80. Takada T, Yamamoto T, Ishikawa E, Zaboronok A, Kujiraoka Y, Akutsu H, Ihara S, Nakai K, Matsumura A. Acute subdural hematoma without subarachnoid hemorrhage caused by ruptured A1-A2 junction aneurysm. Case report. *Neurol Med Chir (Tokyo)* 52(6):430-434, 2012
81. Takahashi T, Ishikawa E, Masuda Y, Yamamoto T, Sato T, Shibuya M, Matsumura A. Mixed germ cell tumor with extensive yolk sac tumor elements in the frontal lobe of an adult. *Case Rep Surg* 2012:473790, 2012

82. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
83. Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vasc Surg* 55(2):506-516, 2012
84. Tamaki T, Ishikawa H, Takahashi T, Tamaki Y, Kitamoto Y, Okamoto M, Noda SE, Katoh H, Shirai K, Sakurai H, Nakano T. Comparison of efficacy and safety of low-dose-rate vs. high-dose-rate intraluminal brachytherapy boost in patients with superficial esophageal cancer. *Brachytherapy* 11(2):130-136, 2012
85. Tanaka R, Iwasaki N, Hayashi M, Nakayama J, Ohto T, Takahashi M, Numano T, Homma K, Hamano K, Sumazaki R. Abnormal brain MRI signal in 18q-syndrome not due to dysmyelination. *Brain Dev* 34(3):234-237, 2012
86. Toita T, Kato S, Niibe Y, Ohno T, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Tokumaru S, Yamauchi C, Suzuki O, Sakurai H, Numasaki H, Teshima T, Oguchi M, Kagami Y, Nakano T, Hiraoka M, Mitsunashi N. Prospective multi-institutional study of definitive radiotherapy with high-dose-rate intracavitary brachytherapy in patients with nonbulky (<4-cm) stage I and II uterine cervical cancer (JAROG0401/JROSG04-2). *Int J Radiat Oncol Biol Phys* 82(1):e49-56, 2012
87. Tokumaru S, Toita T, Oguchi M, Ohno T, Kato S, Niibe Y, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Yamauchi C, Suzuki O, Sakurai H, Teshima T, Kagami Y, Nakano T, Hiraoka M, Mitsunashi N, Kudo S. Insufficiency fractures after pelvic radiation therapy for uterine cervical cancer: an analysis of subjects in a prospective multi-institutional trial, and cooperative study of the Japan Radiation Oncology Group (JAROG) and Japanese Radiation Oncology Study Group (JROSG). *Int J Radiat Oncol Biol Phys* 84(2):e195-200, 2012
88. Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol* 30(3): 185-191, 2013. Epub 2012 Aug 23.
89. Watanabe M, Tamaoka A, Morishita Y, Noguchi M. Cilnidipine Lowers Plasma Leptin of Patients with Obese Hypertension Associated with Cerebrovascular Disorder. *Open Access Scientific Reports* 1(11):529-602, 2012
90. Yamazaki T, Yasuda S, Uemura K, Matsumura A. New instrument for creating bone graft cavities for anterior cervical decompression and fusion: the anterior fusion spinal fork. *Neurol Med Chir (Tokyo)* 52(9):691-694, 2012
91. Yanai T, Urita Y, Amagai T, Kawakami H, Watayo H, Masuko T, Matsuda S, Hirai M, Muraji T, Hamada H. Long-term survival with cloacal dysgenesis sequence. *Pediatr Surg Int* 28(1):107-110, 2012

92. Yokoyama Y, Suzukawa K, Okoshi Y, Nanmoku T, Obara N, Enami T, Hasegawa Y, Chiba S. Nine years interval between first and second bone marrow transplantations and subsequent long-term survival--a case of acute myeloid leukemia with MLL-AF6 fusion gene. *Ann Hematol* 91(9):1491-1493, 2012
93. Yoshimatsu S, Chisti MJ, Hossain MI, Islam MM, Fukushima T, Wagatsuma Y, Smith JH, Sumazaki R, Ahmed T. Hypophosphataemia among severely-malnourished children: case series. *J Health Popul Nutr* 30(4):491-494, 2012
94. Yoshimatsu S, Hossain MI, Islam MM, Chisti MJ, Okada M, Kamoda T, Fukushima T, Wagatsuma Y, Sumazaki R, Ahmed T. Hypophosphatemia among severely malnourished children with sepsis in Bangladesh. *Pediatr Int* doi: 10.1111/j.1442-200X.2012.03724.x., 2012

b)英文以外の論文

1. Aoki T., Ayuzawa S., Matsuo R. , Hosoo H. , Tanno S., Miki S. , Matsubara T., Matsumura A. Laparoscopy-assisted ventriculoperitoneal and lumboperitoneal shunt surgery. *No Shinkei Geka* 40(6):511-517, 2012
2. 阿久津博義, 高野晋吾, 村下秀和, 田中秀峰, 上前泊功, 鈴木浩明, 山本哲哉, 松村明. GH 産生下垂体腺腫の手術成績—内視鏡単独手術導入は治癒率改善に寄与したか. 第 8 回アクロメガリーフォーラム記録集, 2012
3. 鮎澤香, 川畑徹, 宮本俊男, 石川由美香, 新井励, 日高響子, 福島敬, 水本齊志, 奥村敏之, 櫻井英幸. 【小児の診断と治療 update】鎮静剤不要を目指した小児陽子線治療の試み プレパレーションとトレーニングの効果. *臨床放射線* 57(10):1339-1346, 2012
4. 石川由美香, 鮎澤香, 古谷佳由理. 陽子線治療を受ける小児患者に対するプレパレーションの効果. *小児がん看護* 7:46-55, 2012
5. 菊地正広, 福島紘子, 向井真由美, 諏訪部徳芳, 村長靖. 無熱性のけいれんを主訴に受診した乳児例の検討. *日立医学会誌* 49:6-12, 2012
6. 木村友和, 及川剛宏, 池田篤史, 吉野喬之, 末富崇弘, 宮崎淳, 島居徹, 橋本孝之, 杉田真太郎, 野口雅之, 西山博之. 陰茎原発紡錘形細胞肉腫の 1 例. *泌尿器科紀要* 58(6):299-305, 2012
7. 熊田博明, 松村明, 櫻井英幸. 放射線を利用した画像診断・治療の最前線 ホウ素中性子捕捉療法の最前線. *日本薬学会年会要旨集* 132 年会(1):117, 2012
8. 熊田博明, 松村明, 櫻井英幸, 榮武二, 吉岡正和, 小林仁, 松本浩, 鬼柳善明, 平賀富士夫, 柴田徳思, 中島宏. 加速器中性子源による bnct の実現. *医学物理* 32:19-20, 2012
9. 熊田博明, 松村明, 櫻井英幸, 榮武二, 吉岡正和, 小林仁, 松本浩, 中島宏, 鬼柳善明. J-parc 技術を応用した加速器ベース中性子捕捉療法用治療装置の開発. *医学物理* 32:197, 2012
10. 小室広昭, 藤代準, 瓜田泰久, 新開統子, 五藤周, 増本幸二, 福永潔, 大河内信弘, 堀哲夫. 生体肝移植後に肝内胆管の狭窄をきたした 1 例. *日本小児外科学会雑誌* 48(7):1037-1041, 2012
11. 櫻井英幸. 第 1 章 進行・再発がんに打ち克つ！革新的治療法 陽子線治療 “余命半年”の

- 進行肝がんの患者が7年経った今も健在; がんに克つ! 最新治療 2012 年版. 別冊宝島/宝島社 16, 2012
12. 志田晃一, 磯辺智範, 高田健太, 小林大輔, 只野喜一, 高橋英希, 関正志, 横田浩, 櫻井英幸, 柴武二. 医用線形加速装置撤去のための放射化の評価. 医学物理 31(2):33-39, 2012
 13. 新開統子, 北川博昭, 脇坂宗親, 古田繁行, 濱野志穂, 島秀樹, 長江秀樹, 青葉剛史. 移動性精巢 110 例の検討. 日本小児外科学会雑誌 48(1):33-37, 2012
 14. Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. Granular cell tumor of the neurohypophysis observed with hypoglycemic attack. No Shinkei Geka 40(8):723-728, 2012
 15. 高澤慎也, 五藤周, 内田広夫, 川嶋寛, 田中裕次郎, 佐藤かおり, 吉田真理子, 神保教広. 鎖肛・肛門腔前庭瘻に Mayer-Rokitansky-Kuester-Hauser 症候群を合併した 1 例. 日本小児外科学会雑誌 48(1):68-71, 2012
 16. 田村剛一郎, 井原哲, 佐藤允之, 松村明. 脊髄係留解除術が有効であった鎖肛合併正常脊髄円錐高位終糸脂肪腫の 1 例. 小児の脳神経 37(3):258-262, 2012
 17. 辻本真範, 師田信人, 金子剛, 井原哲. 非症候群性頭蓋骨縫合早期癒合症に対する治療戦略. 小児の脳神経 37:232-236, 2012
 18. 津田恭治, 高野晋吾, 今井資, 松原鉄平, 阿久津博義, 松村明. 【脳幹部海綿状血管腫】当院で経験した中脳海綿状血管腫 3 例に対する治療方針の検討. 脳卒中の外科 40(3):149-153, 2012
 19. 永田公二, 手柴理沙, 江角元史郎, 木下義晶, 増本幸二, 藤田恭之, 福島恒太郎, 和氣徳夫, 田口智章. 長期予後からみた出生前診断症例における周産期管理の再評価 長期予後からみた出生後の治療 当科にて出生前診断された isolated CDH の長期予後. 周産期学シンポジウム 30:93-99, 2012
 20. 増本幸二. 創感染後の創離開. Nutrition Support Journal 創傷治癒経過記録集 3:11, 2012
 21. 増本幸二, 新開統子, 上杉達. NST のための小児の栄養管理 新生児における栄養管理. 静脈経腸栄養 27(5):1195-1202, 2012
 22. 増本幸二, 新開統子, 上杉達. 小児医療をとりまく諸問題 診療報酬上の問題:栄養管理. 小児外科 44(8):791-793, 2012
 23. 増本幸二, 新開統子, 上杉達, 中村晶俊, 岡陽一郎, 岩崎昭憲, 永田公二, 田口智章. 小児外科と感染症 手術部位感染による創哆開に対する栄養学的治療. 小児外科 44(12):1133-1138, 2012
 24. Masumoto T, Shiigai M, Nasu K, Minami M. Recently developed MR imaging sequences and clinical applications. No shinkei geka Neurological surgery 40(10):859-869, 2012
 25. 増本幸二, 光田信明. 長期予後からみた出生前診断症例における周産期管理の再評価 シンポジウム午後の部 シンポジウムのまとめ. 周産期学シンポジウム抄録集 30:119-120, 2012
 26. 松原理絵, 錦井秀和, 大越靖, 長谷川雄一, 千葉滋. DIC で発症し悪性リンパ腫との鑑別に苦慮した脾臓原発血管肉腫の 1 例. 内科 109(2):361-364, 2012
 27. 水本齊志, 櫻井英幸. 陽子線治療の効果と位置づけ. The Liver Cancer Journal 4:32-37, 2012

28. 山本駿, 高橋秀人, 和田一郎, 宇田晃仁, 馬恩博. 学級閉鎖の有効性に関する研究—新型インフルエンザ流行時の小学校におけるクラス内欠席者割合と実施日数より予測される学級閉鎖後の欠席割合—. 厚生 の 指 標 59(7):9-17, 2012

c) 英文著書

1. Nakai K, Matsumura A. TEXTBOOK for BNCT: Feasibility for Intramedullary Spinal Glioma in "Neutron Capture Therapy" (edited by Sauerwein W.A.G. et al.), Springer-Verlag (Berlin Heidelberg) 2012; pp407-415
2. Tsuruta W, Yamamoto T, Matsumura A. Prevention of Vascular Restenosis After Vascular Angioplasty; in "Neutron Capture Therapy Principles and Applications ", Springer-Verlag (Berlin Heidelberg) 2012; pp513-520
3. Yamamoto T, Matsumura A. Non-operative BNCT for GBM; in "Neutron Capture Therapy" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer-Verlag (Heidelberg) 2012; pp100

d) 英文以外の著書

1. 磯辺智範, 柴武二, 櫻井英幸. 第4章. 陽子線, 第5章. 陽子線; "Textbook of Radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋), メディカ出版 (大阪) 2012; pp44-50, 81-87
2. 市川邦男, 須磨崎亮. 【小児医療をとりまく諸問題】 医師不足 病院連携による小児救急病院群形成; "小児外科44(8)", 東京医学社 (東京) 2012; pp720-723
3. 井原哲. アーノルド・キアリ奇形(キアリ奇形2型); "こどもケア 6" 日総研 (東京) 2012; pp46-49
4. 井原哲. 脳室穿刺, 硬膜下穿刺; "小児の診療手技100 小児科診療 75 増刊号" 診断と治療社 (東京) 2012; pp184-187
5. 井原哲. 脳室腹腔シャントの管理; "小児の診療手技100小児科診療 75 増刊号" 診断と治療社 (東京) 2012; pp303-307
6. 井原哲. 脳性麻痺に対する新しい治療法—髄腔内バクロフェン療法と機能的脊髄後根切断術; "小児内科 44" 東京医学社 (東京) 2012; pp1490-1494
7. 大須賀覚, サンペトラオルテア, 松村明, 佐谷秀行. 連載 知っておきたいCancer Stem Cell 第2回 脳腫瘍幹細胞と治療戦略; "Mebio 28(9)" メジカルビュー社 (東京) 2012; pp7-13
8. 小林千恵, 福島敬. 第2部 XIV. 262. 神経芽細胞腫; "小児内科 44巻増刊 小児疾患の診断治療基準 (第4版)", 東京医学社 (東京) 2012; pp584-585
9. 櫻井英幸. 第1章. 進行・再発がんに打ち克つ! 革新的治療法 陽子線治療 "余命半年"の進行肝がんの患者が7年経った今も健在; "別冊宝島 がんに克つ! 最新治療2012年版" 宝島社 (東京) 2012; pp16
10. 櫻井英幸, 井上洋. 総論6章. 放射線外科治療の注意事項, 組織の耐容線量, 合併症とその管理; "Textbook of Radiosurgery 放射線外科治療の進歩 (第1版)" (編集 日本放射線外科学会 /MC, 井上洋), メディカ出版 (大阪) 2012; pp93-100
11. 佐藤泰樹, 南優子, 野口雅之. 肺癌の新しい病理組織分類—その意義と意図; "医学のあゆみ (240巻13号)", 医歯薬出版株式会社 (東京) 2012; pp1041-1044

12. 須磨崎亮. 【Stem Cell, iPS研究;再生医療, 癌診療への展開】胆管の組織幹細胞と分化制御; "肝・胆・膵 (65号1巻)", アークメディア (東京) 2012; pp83-93
13. 須磨崎亮, 今川和生, 和田宏来, 工藤豊一郎. 【今だから知っておきたいワクチンの話題】各ワクチンの現状と話題 B型肝炎ワクチン ユニバーサルワクチネーションの必要性; "小児科診療", 診断と治療社 (東京) 2012; pp677-681
14. 須磨崎亮, 和田宏来. X. 2. (2) 3). 進行性家族性肝内胆汁うっ滞症と良性反復性肝内胆汁うっ滞症; "日本臨床別冊 先天代謝異常症候群(下) (第2版)", 大阪 (日本臨床社) 2012; pp358-363
15. 須磨崎亮, 和田宏来, 工藤豊一郎. V. 3. 1). Alagille症候群; "日本臨床別冊 腎臓症候群 (第2版)", 大阪 (日本臨床社) 2012; pp399-402
16. 高野晋吾, 阿久津博義, 渡邊真哉, 松村明. カベルゴリン時代のプロラクチノーマの治療; "日本内分泌学会誌 88 Suppl", 2012; pp42-43
17. Takano S, Matsumura A. Topics for antiangiogenic therapy for glioblastoma; "No Shinkei Geka 40(6) (Review Japanese)", 2012; pp481-502
18. 竹内朋代, 森下由紀雄, 野口雅之. バイオバンク構築における病理の役割【共同研究の起点として機能する我が国のバイオバンクの実例】大学病院を中心とした地域レベルのバンキングシステム構築の試み; "病理と臨床", 東京 (文光堂) 2012; pp646-653
19. 野口雅之. 肺癌の病理-特に肺腺癌の分類の現状について-; "肺癌", 日本肺癌学会 (千葉) 2012; pp339-345
20. 野口雅之. 【肺腺癌の分類】肺腺癌新国際分類(IASLC,ATS,ERS)の概要.肺腺癌の診断と治療-新しい分類と臨床治療の変化-; "病理と臨床 (30巻5号)", 文光堂 (東京) 2012; pp484-487
21. 橋本孝之, 櫻井英幸. 各論7章. 腹部(26)肝臓; "Textbook of Radiosurgery 放射線外科治療の進歩 (第1版)" (編集 日本放射線外科学会, 井上洋), メディカ出版 (大阪) 2012; pp238-242
22. 藤代準. "小児外科今日の指針 (第15版)", 医学書院 (東京) 2012; pp90-91
23. 増本幸二, 岩崎昭憲. 基礎的な栄養学的知識; "新呼吸療法テキスト 3学会(日本胸部外科学会, 日本呼吸器学会, 日本麻酔科学会)合同 呼吸療法認定士認定委員会", アトムス (東京) 2012; pp308-315
24. 増本幸二, 濱田吉則. Segmental dilatationの現状調査と診断について 厚生労働科学研究費補助金 難治性疾患克服研究事業, Hirschsprung病類縁疾患の現状調査と診断基準に関するガイドライン作成; "平成23年度 総括・分担研究報告書(研究代表者: 田口智章)" 2012; pp35-39
25. 増本幸二, 水田祥代. III. 臨床編. B. 栄養法. 4. 静脈栄養. b. 小児; "新臨床栄養学 (第2版)" (編集 馬場忠雄, 山城雄一郎), 医学書院 (東京) 2012; pp322-330
26. 増本智彦. 脳腫瘍(章編者); "よくわかる脳MRI (第3版)" (編集 青木茂樹, 相田典子, 井田正博, 大場洋), 学研メディカル秀潤社 (東京) 2012; pp48-133
27. 松村明, 鶴嶋英夫. 脳梗塞, 神経・筋疾患の病態と診断・治療(I); "医学と薬学 68", 自然科学社 (東京) 2012; pp11-16
28. 南優子, 野口雅之. 【肺腺癌の分類】上皮内腺癌と微少浸潤性腺癌. 肺腺癌の診断と治療-新しい分類と臨床治療の変化-; "病理と臨床 (30巻5号)", 文光堂 (東京) 2012; pp488-491

29. 和田宏来, 工藤豊一郎, 須磨崎亮. 【知っておきたい内科症候群】 肝・胆・膵《胆嚢・胆管・膵》 アラジール症候群; "内科 (109巻6号)", 南江堂 (東京) 2012; pp1255-1256
30. 和田宏来, 須磨崎亮. 第2部 X.189. 新生児肝炎症候群; "小児内科 44巻増刊 小児疾患の診断治療基準 (第4版)", 東京医学社 (東京) 2012; pp420-421

血小板による新規肝疾患治療法開発

a)英文論文

1. Ikeda N, Murata S, Maruyama T, Tamura T, Nozaki R, Kawasaki T, Fukunaga K, Oda T, Sasaki R, Homma M, Ohkohchi N. Platelet-derived adenosine 5'-triphosphate suppresses activation of human hepatic stellate cell: In vitro study. *Hepatol Res* 42(1):91-102, 2012
2. Nowatari T, Fukunaga K, Ohkohchi N. Regulation of signal transduction and role of platelets in liver regeneration. *Int J Hepatol* 2012:542479, 2012
3. Nozaki R, Murata S, Nowatari T, Maruyama T, Ikeda N, Kawasaki T, Fukunaga K, Ohkohchi N. Effects of thrombopoietin on growth of hepatocellular carcinoma: Is thrombopoietin therapy for liver disease safe or not? *Hepatol Res* doi: 10.1111/hepr.12006., 2012
4. Tamura T, Kondo T, Fukunaga K, Ohkohchi N. Platelet dynamics in the sinusoid of the liver after ischemia-reperfusion. *J Gastroenterol Hepatol Res* 1(7):114-118, 2012
5. Tamura T, Kondo T, Pak S, Nakano Y, Murata S, Fukunaga K, Ohkohchi N. Interaction between Kupffer cells and platelets in the early period of hepatic ischemia-reperfusion injury--an in vivo study. *J Surg Res* 178(1):443-451, 2012
6. Yamaguchi R, Terashima H, Yoneyama S, Tadano S, Ohkohchi N. Effects of platelet-rich plasma on intestinal anastomotic healing in rats: PRP concentration is a key factor. *J Surg Res* 173(2):258-266, 2012

b)英文以外の論文

1. 丸山岳人, 大河内信弘. 【肝臓の発生・再生】血小板と肝再生. 生化学 84(8):693-698, 2012

c)英文著書

1. Ikeda N, Ohkohchi N, Murata S. Chapter 9. Hepatic stellate cells control liver fibrosis by platelets; in "Advances in Medicine and Biology 46" (edited by Berhardt L V), Nova Biomedical (New York) 2012; pp185-207
2. Maruyama T, Kawasaki T, Hisakura K, Murata S, Matsuo R, Ohkohchi N. Chapter 1. New therapy for liver disease by platelets; in "Thrombocytopenia Causes, Diagnosis and Treatment" (edited by Maysaa El, Sayed Zaki), Nova Biomedical (New York) 2012; pp1-39
3. Ohkohchi N, Murata S, Takahashi K. Chapter 6. Platelet and liver regeneration; in "Tissue Regeneration -from Basic Biology to Clinical Application?" (edited by Davies J), INTECH (Rijeka, Croatia) 2012; pp109-144

シグナル伝達と疾患

a) 英文論文

1. Avci HX, Lebrun C, Wehrlé R, Doulazmi M, Chatonnet F, Morel MP, Ema M, Vodjdani G, Sotelo C, Flamant F, Dusart I. Thyroid hormone triggers the developmental loss of axonal regenerative capacity via thyroid hormone receptor $\alpha 1$ and kruppel-like factor 9 in Purkinje cells. *Proc Natl Acad Sci U S A* 109(35):14206-14211, 2012
2. Chen Q, Hongu T, Sato T, Zhang Y, Ali W, Cavallo JA, van der Velden A, Tian H, Di Paolo G, Nieswandt B, Kanaho Y, Frohman MA. Key roles for the lipid signaling enzyme phospholipase D1 in the tumor microenvironment during tumor angiogenesis and metastasis. *Sci Signal* 5(249):ra79, 2012
3. Fujita A, Yoh K, Shimohata H, Morito N, Ojima M, Okamura M, Takahashi S, Yamagata K. A novel diabetes mellitus mouse model, MAFA-deficient and beta cell-specific MAFK-overexpressing hybrid transgenic mice, developed severe diabetic nephropathy and improved with TCV-116 (candesartan cilexetil) treatment. *Exp Anim* 61(1):49-57, 2012
4. Hasegawa H, Noguchi J, Yamashita M, Okada R, Sugimoto R, Furuya M, Unoki T, Funakoshi Y, Baba T, Kanaho Y. Phosphatidylinositol 4-phosphate 5-kinase is indispensable for mouse spermatogenesis. *Biol Reprod* 86(5):136, 131-112, 2012
5. Hirose R, Miura T, Sha R, Shinkai Y, Tanaka-Kagawa T, Kumagai Y. A method for detecting covalent modification of sensor proteins associated with 1,4-naphthoquinone-induced activation of electrophilic signal transduction pathways. *J Toxicol Sci* 37(5):891-898, 2012
6. Ido K, Ohwada T, Yasutomi E, Yoshinaga T, Arai T, Kato M, Sawada K. Screening quality for Ca(2+)-activated potassium channel in IonWorks Quattro is greatly improved by using BAPTA-AM and ionomycin. *J Pharmacol Toxicol Methods* doi: 10.1016/j.vascn.2012.10.005., 2012
7. Inoue A, Matsumoto I, Tanaka Y, Umeda N, Tanaka Y, Mihara M, Takahashi S, Sumida T. Murine tumor necrosis factor alpha-induced adipose-related protein (tumor necrosis factor alpha-induced protein 9) deficiency leads to arthritis via interleukin-6 overproduction with enhanced NF- κ B, STAT-3 signaling, and dysregulated apoptosis of macrophages. *Arthritis Rheum* 64(12):3877-3885, 2012
8. Itoh F, Itoh S, Adachi T, Ichikawa K, Matsumura Y, Takagi T, Festing M, Watanabe T, Weinstein M, Karlsson S, Kato M. Smad2/Smad3 in endothelium is indispensable for vascular stability via S1PR1 and N-cadherin expressions. *Blood* 119(22):5320-5328, 2012
9. Kanaho Y, Sato T, Hongu T, Funakoshi Y. Molecular mechanisms of fMLP-induced superoxide generation and degranulation in mouse neutrophils. *Adv Biol Regul* doi: 10.1016/j.jbior.2012.09.001., 2012
10. Kanaho Y, Unoki T. Regulation and functions of the lipid kinase PIP5K γ 661 at synapses. *Adv Biol Regul* 52(1):59-65, 2012
11. Kanda H, Toyama T, Shinohara-Kanda A, Iwamatsu A, Shinkai Y, Kaji T, Kikushima M,

- Kumagai Y. S-Mercuration of rat sorbitol dehydrogenase by methylmercury causes its aggregation and the release of the zinc ion from the active site. *Arch Toxicol* 86(11):1693-1702, 2012
12. Kondo Y, Iizuka M, Wakamatsu E, Yao Z, Tahara M, Tsuboi H, Sugihara M, Hayashi T, Yoh K, Takahashi S, Matsumoto I, Sumida T. Overexpression of T-bet gene regulates murine autoimmune arthritis. *Arthritis Rheum* 64(1):162-172, 2012
 13. Kumagai Y, Shinkai Y, Miura T, Cho AK. The chemical biology of naphthoquinones and its environmental implications. *Annu Rev Pharmacol Toxicol* 52:221-247, 2012
 14. Lebrun C, Avci HX, Wehrle R, Doulazmi M, Jaudon F, Morel MP, Rivals I, Ema M, Schmidt S, Sotelo C, Vojdani G, Dusart I. Klf9 is necessary and sufficient for Purkinje cell survival in organotypic culture. *Mol Cell Neurosci* doi: 10.1016/j.mcn.2012.11.010., 2012
 15. Makyio H, Ohgi M, Takei T, Takahashi S, Takatsu H, Katoh Y, Hanai A, Ueda T, Kanaho Y, Xie Y, Shin HW, Kamikubo H, Kataoka M, Kawasaki M, Kato R, Wakatsuki S, Nakayama K. Structural basis for Arf6-MKLP1 complex formation on the Flemming body responsible for cytokinesis. *EMBO J* 31(11):2590-2603, 2012
 16. Matsumoto K, Azami T, Otsu A, Takase H, Ishitobi H, Tanaka J, Miwa Y, Takahashi S, Ema M. Study of normal and pathological blood vessel morphogenesis in Flt1-tdsRed BAC Tg mice. *Genesis* 50(7):561-571, 2012
 17. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RG, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem* 287(12):9579-9590, 2012
 18. Nakahashi-Oda C, Tahara-Hanaoka S, Honda S, Shibuya K, Shibuya A. Identification of phosphatidylserine as a ligand for the CD300a immunoreceptor. *Biochem Biophys Res Commun* 417(1):646-650, 2012
 19. Nakahashi-Oda C, Tahara-Hanaoka S, Shoji M, Okoshi Y, Nakano-Yokomizo T, Ohkohchi N, Yasui T, Kikutani H, Honda S, Shibuya K, Nagata S, Shibuya A. Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. *J Exp Med* 209(8):1493-1503, 2012
 20. Neely GG, Rao S, Costigan M, Mair N, Racz I, Milinkeviciute G, Meixner A, Nayanala S, Griffin RS, Belfer I, Dai F, Smith S, Diatchenko L, Marengo S, Haubner BJ, Novatchkova M, Gibson D, Maixner W, Pospisilik JA, Hirsch E, Whishaw IQ, Zimmer A, Gupta V, Sasaki J, Kanaho Y, Sasaki T, Kress M, Woolf CJ, Penninger JM. Construction of a global pain systems network highlights phospholipid signaling as a regulator of heat nociception. *PLoS Genet* 8(12):e1003071, 2012
 21. Nishida M, Sawa T, Kitajima N, Ono K, Inoue H, Ihara H, Motohashi H, Yamamoto M, Suematsu M, Kurose H, van der Vliet A, Freeman BA, Shibata T, Uchida K, Kumagai Y, Akaike T. Hydrogen sulfide anion regulates redox signaling via electrophile sulfhydration. *Nat Chem Biol* 8(8):714-724, 2012

22. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
23. Sano K, Katsuta O, Shirae S, Kubota Y, Ema M, Suda T, Nakamura M, Hirashima M. Flt1 and Flk1 mediate regulation of intraocular pressure and their double heterozygosity causes the buphthalmia in mice. *Biochem Biophys Res Commun* 420(2):422-427, 2012
24. Sekiguchi Y, Owada J, Oishi H, Katsumata T, Ikeda K, Kudo T, Takahashi S. Noninvasive monitoring of β -cell mass and fetal β -cell genesis in mice using bioluminescence imaging. *Exp Anim* 61(4):445-451, 2012
25. Shinkai Y, Iwamoto N, Miura T, Ishii T, Cho AK, Kumagai Y. Redox cycling of 1,2-naphthoquinone by thioredoxin1 through Cys32 and Cys35 causes inhibition of its catalytic activity and activation of ASK1/p38 signaling. *Chem Res Toxicol* 25(6):1222-1230, 2012
26. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
27. Tojo M, Takebe A, Takahashi S, Tanaka K, Imamura T, Miyazono K, Chiba T. Smad7-deficient mice show growth retardation with reduced viability. *J Biochem* 151(6):621-631, 2012
28. Unoki T, Matsuda S, Kakegawa W, Van NT, Kohda K, Suzuki A, Funakoshi Y, Hasegawa H, Yuzaki M, Kanaho Y. NMDA receptor-mediated PIP5K activation to produce PI(4,5)P2 is essential for AMPA receptor endocytosis during LTD. *Neuron* 73(1):135-148, 2012
29. Usui K, Honda S, Yoshizawa Y, Nakahashi-Oda C, Tahara-Hanaoka S, Shibuya K, Shibuya A. Isolation and characterization of naive follicular dendritic cells. *Mol Immunol* 50(3):172-176, 2012
30. Yamada H, Akahoshi N, Kamata S, Hagiya Y, Hishiki T, Nagahata Y, Matsuura T, Takano N, Mori M, Ishizaki Y, Izumi T, Kumagai Y, Kasahara T, Suematsu M, Ishii I. Methionine excess in diet induces acute lethal hepatitis in mice lacking cystathionine γ -lyase, an animal model of cystathioninuria. *Free Radic Biol Med* 52(9):1716-1726, 2012
31. Yamaguchi Y, Naiki T, Irie K. Stau1 regulates Dvl2 expression during myoblast differentiation. *Biochem Biophys Res Commun* 417(1):427-432, 2012
32. Yoh K, Morito N, Ojima M, Shibuya K, Yamashita Y, Morishima Y, Ishii Y, Kusakabe M, Nishikii H, Fujita A, Matsunaga E, Okamura M, Hamada M, Suto A, Nakajima H, Shibuya A, Yamagata K, Takahashi S. Overexpression of ROR γ t under control of the CD2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. *Eur J Immunol* 42(8):1999-2009, 2012

d) 英文以外の著書

1. 熊谷嘉人. せるてく・あらかると. GAPDH の功罪. 活性酸素シグナル制御とレドックスホメオスタシス; "細胞工学 31 (初版)" (監修 赤池孝章), 秀潤社(東京) 2012; pp196-197

2. 熊谷嘉人. 第 1 章. 活性酸素・ガス状分子シグナルとレドックス恒常性 III. 8. 環境中親電子リガンドの細胞内侵入とそれに伴うシグナル伝達の模倣および攪乱; "実験医学 30 巻 17 号 (初版)" (編集 赤池孝章、一條秀憲、森泰生), 羊土社 (東京) 2012; pp70-75

前臨床がん研究

a) 英文論文

1. Abe A, Minaguchi T, Ochi H, Onuki M, Okada S, Matsumoto K, Satoh T, Oki A, Yoshikawa H. PIK3CA overexpression is a possible prognostic factor for favorable survival in ovarian clear cell carcinoma. *Hum Pathol* doi: 10.1016/j.humpath.2012.05.005., 2012
2. Eto T, Saito T, Kasamatsu T, Nakanishi T, Yokota H, Satoh T, Nogawa T, Yoshikawa H, Kamura T, Konishi I. Clinicopathological prognostic factors and the role of cytoreduction in surgical stage IVb endometrial cancer: a retrospective multi-institutional analysis of 248 patients in Japan. *Gynecol Oncol* 127(2):338-344, 2012
3. Fujii T, Takatsuka N, Nagata C, Matsumoto K, Oki A, Furuta R, Maeda H, Yasugi T, Kawana K, Mitsuhashi A, Hirai Y, Iwasaka T, Yaegashi N, Watanabe Y, Nagai Y, Kitagawa T, Yoshikawa H. Association between carotenoids and outcome of cervical intraepithelial neoplasia: a prospective cohort study. *Int J Clin Oncol* 2012 Oct 25. [Epub ahead of print]
4. Goyama S, Takeuchi K, Kanda Y, Nannya Y, Chiba S, Fukayama M, Kurokawa M. Post-transplant endothelial disorder after hematopoietic SCT: a blinded autopsy study. *Bone Marrow Transplant* 47(9):1243-1245, 2012
5. Ido K, Ohwada T, Yasutomi E, Yoshinaga T, Arai T, Kato M, Sawada K. Screening quality for Ca²⁺-activated potassium channel in IonWorks Quattro is greatly improved by using BAPTA-AM and ionomycin. *J Pharmacol Toxicol Methods* doi: 10.1016/j.vascn.2012.10.005., 2012
6. Ikeda A, Kawai K, Ando S, Oikawa T, Inai H, Kimura T, Takaoka E, Yoshino T, Suetomi T, Kojima T, Miyazaki J, Nishiyama H. Management of ureteral obstruction in advanced testicular tumor with lymph node metastasis. *Jpn J Clin Oncol* 42(8):748-752, 2012
7. Ikeda N, Murata S, Maruyama T, Tamura T, Nozaki R, Kawasaki T, Fukunaga K, Oda T, Sasaki R, Homma M, Ohkohchi N. Platelet-derived adenosine 5'-triphosphate suppresses activation of human hepatic stellate cell: In vitro study. *Hepatol Res* 42(1):91-102, 2012
8. Inai H, Kawai K, Ikeda A, Ando S, Kimura T, Oikawa T, Onozawa M, Miyazaki J, Uchida K, Nishiyama H. Risk factors for chronic kidney disease after chemotherapy for testicular cancer. *Int J Urol* doi: 10.1111/iju.12017., 2012
9. Inamine M, Nagai Y, Mitsuhashi A, Nagase S, Yaegashi N, Yoshikawa H, Aoki Y. Cigarette smoke stimulates VEGF-C expression in cervical intraepithelial neoplasia (CIN) 1 and 2 lesions. *Int J Clin Oncol* 17(5):498-504, 2012
10. Ito H, Matsushita S, Ishikawa S, Goto Y, Sakai M, Onizuka M, Sato Y, Sakakibara Y. Significant correlation between endothelial nitric oxide synthase (eNOS) expression and alveolar repair in elastase-induced rat pulmonary emphysema. *Surg Today* doi: 10.1007/s00595-012-0293-7., 2012
11. Itoh F, Itoh S, Adachi T, Ichikawa K, Matsumura Y, Takagi T, Festing M, Watanabe T, Weinstein M, Karlsson S, Kato M. Smad2/Smad3 in endothelium is indispensable for vascular stability via S1PR1 and N-cadherin expressions. *Blood* 119(22):5320-5328, 2012

12. Iwahashi S, Maekawa Y, Nishida J, Ishifune C, Kitamura A, Arimochi H, Kataoka K, Chiba S, Shimada M, Yasutomo K. Notch2 regulates the development of marginal zone B cells through Fos. *Biochem Biophys Res Commun* 418(4):701-707, 2012
13. Kamada Y, Sakata-Yanagimoto M, Sanada M, Sato-Otsubo A, Enami T, Suzukawa K, Kurita N, Nishikii H, Yokoyama Y, Okoshi Y, Hasegawa Y, Ogawa S, Chiba S. Identification of unbalanced genome copy number abnormalities in patients with multiple myeloma by single-nucleotide polymorphism genotyping microarray analysis. *Int J Hematol* 96(4):492-500, 2012
14. Kanno T, Kamba T, Yamasaki T, Shibasaki N, Saito R, Terada N, Toda Y, Mikami Y, Inoue T, Kanematsu A, Nishiyama H, Ogawa O, Nakamura E. JunB promotes cell invasion and angiogenesis in VHL-defective renal cell carcinoma. *Oncogene* 31(25):3098-3110, 2012
15. Kawamura T, Usui J, Kaseda K, Takada K, Ebihara I, Ishizu T, Iitsuka T, Sakai K, Takemura K, Kobayashi M, Koyama A, Kanemoto K, Sumazaki R, Uesugi N, Noguchi M, Nagata M, Suka M, Yamagata K. Primary membranoproliferative glomerulonephritis on the decline: decreased rate from the 1970s to the 2000s in Japan. *Clin Exp Nephrol* doi: 10.1007/s10157-012-0690-7., 2012
16. Kikuchi S, Iwai M, Sakurai-Yageta M, Tsuboi Y, Ito T, Maruyama T, Tsuda H, Kanai Y, Onizuka M, Sato Y, Murakami Y. Expression of a splicing variant of the CADM1 specific to small cell lung cancer. *Cancer Sci* 103(6):1051-1057, 2012
17. Kishimoto M, Minagawa M, Yanagihara H, Oda T, Ohkohchi N, Kita E. Synthesis and magnetic properties of platelet γ -Fe₂O₃ particles for medical applications using hysteresis-loss heating. *Journal of Magnetism and Magnetic Materials* 324:1285-1289, 2012
18. Kitagawa R, Katsumata N, Ando M, Shimizu C, Fujiwara Y, Yoshikawa H, Satoh T, Nakanishi T, Ushijima K, Kamura T. A multi-institutional phase II trial of paclitaxel and carboplatin in the treatment of advanced or recurrent cervical cancer. *Gynecol Oncol* 125(2):307-311, 2012
19. Kobayashi A, Oda T, Fukunaga K, Sasaki R, Ohkohchi N. Invasion of the hepatic artery is a crucial predictor of poor outcomes in gallbladder carcinoma. *World J Surg* 36(3):645-650, 2012
20. Kobayashi N, Usui S, Kikuchi S, Goto Y, Sakai M, Onizuka M, Sato Y. Preoperative lymphocyte count is an independent prognostic factor in node-negative non-small cell lung cancer. *Lung Cancer* 75(2):223-227, 2012
21. Kondo Y, Iijima T, Noguchi M. Evaluation of immunohistochemical staining using whole-slide imaging for HER2 scoring of breast cancer in comparison with real glass slides. *Pathol Int* 62(9):592-599, 2012
22. Li B, Shimizu Y, Kobayashi T, Terada N, Yoshimura K, Kamba T, Mikami Y, Inoue T, Nishiyama H, Ogawa O. Overexpression of ETS-1 is associated with malignant biological features of prostate cancer. *Asian J Androl* 14(6):860-863, 2012
23. Machino T, Okoshi Y, Miyake Y, Akatsuka Y, Chiba S. HLA-C matching status does not affect rituximab-mediated antibody-dependent cellular cytotoxicity by allogeneic natural killer Cells. *Immunol Invest* 41(8):831-846, 2012
24. Masuda T, Itoh K, Higashitsuji H, Higashitsuji H, Nakazawa N, Sakurai T, Liu Y, Tokuchi H, Fujita T, Zhao Y, Nishiyama H, Tanaka T, Fukumoto M, Ikawa M, Okabe M, Fujita J.

- Cold-inducible RNA-binding protein (Cirp) interacts with Dyrk1b/Mirk and promotes proliferation of immature male germ cells in mice. *Proc Natl Acad Sci U S A* 109(27):10885-10890, 2012
25. Matsui Y, Nishiyama H, Yoshimura K, Xing ND, Sumiyoshi T, Saito R, Inoue T, Kamba T, Ogawa O. The effect of gemcitabine/paclitaxel chemotherapy on the survival of patients with metastatic urothelial cancers. *Int J Clin Oncol* doi: 10.1007/s10147-012-0381-0., 2012
 26. Matsumoto K, Hirai Y, Furuta R, Takatsuka N, Oki A, Yasugi T, Maeda H, Mitsuhashi A, Fujii T, Kawana K, Iwasaka T, Yaegashi N, Watanabe Y, Nagai Y, Kitagawa T, Yoshikawa H, Japan HPV, Cervical Cancer Study G. Subsequent risks for cervical precancer and cancer in women with low-grade squamous intraepithelial lesions unconfirmed by colposcopy-directed biopsy: results from a multicenter, prospective, cohort study. *Int J Clin Oncol* 17(3):233-239, 2012
 27. Matsumoto K, Maeda H, Oki A, Takatsuka N, Yasugi T, Furuta R, Hirata R, Mitsuhashi A, Fujii T, Hirai Y, Iwasaka T, Yaegashi N, Watanabe Y, Nagai Y, Kitagawa T, Yoshikawa H, for Japan HPV, Cervical Cancer Study G. HLA class II DRB1*1302 allele protects against progression to cervical intraepithelial neoplasia grade 3: a multicenter prospective cohort study. *Int J Gynecol Cancer* 22(3):471-478, 2012
 28. Matsumoto K, Yoshikawa H. Human papillomavirus infection and the risk of cervical cancer in Japan. *J Obstet Gynaecol Res* doi: 10.1111/j.1447-0756.2012.01977.x., 2012
 29. Mayumi M, Obata-Yasuoka M, Ogura T, Hamada H, Miyazono Y, Yoshikawa H. Discordance in Pena-Shokeir phenotype/fetal akinesia deformation sequence in a monoamniotic twin. *J Obstet Gynaecol Res* doi: 10.1111/j.1447-0756.2012.01930.x., 2012
 30. Michikami H, Minaguchi T, Ochi H, Onuki M, Okada S, Matsumoto K, Satoh T, Oki A, Yoshikawa H. Safety and efficacy of substituting nedaplatin after carboplatin hypersensitivity reactions in gynecologic malignancies. *J Obstet Gynaecol Res* doi: 10.1111/j.1447-0756.2012.01893.x., 2012
 31. Murata S, Onozawa S, Oda T, Mine T, Ueda T, Kumita S, Nomura K. Pharmacologic advantages of negative-balance isolated pelvic perfusion: achievement of intensive exposure of the pelvis to platinum without systemic leakage. *Radiology* 262(2):503-510, 2012
 32. Nagata C, Kobayashi H, Sakata A, Satomi K, Minami Y, Morishita Y, Ohara R, Yoshikawa H, Arai Y, Nishida M, Noguchi M. Increased expression of OCIA domain containing 2 during stepwise progression of ovarian mucinous tumor. *Pathol Int* 62(7):471-476, 2012
 33. Nakamoto-Matsubara R, Nishikii H, Yamada K, Ito M, Hasegawa Y, Kurita N, Obara N, Okoshi Y, Suzukawa K, Yokoyama Y, Sakata-Yanagimoto M, Noguchi M, Chiba S. Early pathologic findings of bronchiolitis obliterans after allogeneic hematopoietic stem cell transplantation: a proposal from a case. *Case Rep Hematol* 2012:957612, 2012
 34. Nakao S, Mori S, Kondo K, Matsumoto K, Yoshikawa H, Kanda T. Monoclonal antibodies recognizing cross-neutralization epitopes in human papillomavirus 16 minor capsid protein L2. *Virology* 434(1):110-117, 2012
 35. Nitta S, Kawai K, Onozawa M, Ando S, Miyazaki J, Nagata C, Noguchi M, Yamasaki K, Uchida K, Iwamoto T, Nishiyama H. Intratubular trophoblasts in the contralateral testis caused elevation of

- serum human chorionic gonadotropin following complete remission of stage II testicular tumor: a case report. *Jpn J Clin Oncol* doi: 10.1093/jjco/hys178., 2012
36. Obata-Yasuoka M, Hamada H, Yoshikawa H. Impaired glucose tolerance during pregnancy: possible risk factor for vaginal/anorectal colonization by Group B Streptococcus. *J Obstet Gynaecol Res* 38(9):1233, 2012
 37. Ochi H, Matsumoto K, Kondo K, Oki A, Furuta R, Hirai Y, Yasugi T, Takatsuka N, Maeda H, Mitsuhashi A, Fujii T, Kawana K, Iwasaka T, Yaegashi N, Watanabe Y, Nagai Y, Kitagawa T, Kanda T, Yoshikawa H, Japan HPV, Cervical Cancer Study G. Do neutralizing antibody responses generated by human papillomavirus infections favor a better outcome of low-grade cervical lesions? *J Med Virol* 84(7):1128-1134, 2012
 38. Ohara Y, Oda T, Yamada K, Hashimoto S, Akashi Y, Miyamoto R, Kobayashi A, Fukunaga K, Sasaki R, Ohkohchi N. Effective delivery of chemotherapeutic nanoparticles by depleting host Kupffer cells. *Int J Cancer* 131(10):2402-2410, 2012
 39. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
 40. Onozawa M, Miyanaga N, Hinotsu S, Miyazaki J, Oikawa T, Kimura T, Takaoka E, Kawai K, Shimazui T, Sakurai H, Nishiyama H, Akaza H. Analysis of Intravesical Recurrence After Bladder-preserving Therapy for Muscle-invasive Bladder Cancer. *Jpn J Clin Oncol* 42(9):825-830, 2012
 41. Saito R, Shirakawa R, Nishiyama H, Kobayashi T, Kawato M, Kanno T, Nishizawa K, Matsui Y, Ohbayashi T, Horiguchi M, Nakamura T, Ikeda T, Yamane K, Nakayama E, Nakamura E, Toda Y, Kimura T, Kita T, Ogawa O, Horiuchi H. Downregulation of Ral GTPase-activating protein promotes tumor invasion and metastasis of bladder cancer. *Oncogene* doi: 10.1038/onc.2012.101., 2012
 42. Sakata-Yanagimoto M, Chiba S. Notch2 and immune function. *Curr Top Microbiol Immunol* 360:151-161, 2012
 43. Satoh T, Matsumoto K, Fujii T, Sato O, Gemma N, Onuki M, Saito H, Aoki D, Hirai Y, Yoshikawa H. Rapid genotyping of carcinogenic human papillomavirus by loop-mediated isothermal amplification using a new automated DNA test (Clinichip HPV). *J Virol Methods* doi: 10.1016/j.jviromet.2012.10.014., 2012
 44. Sekido N, Jyoraku A, Okada H, Wakamatsu D, Matsuya H, Nishiyama H. A novel animal model of underactive bladder: analysis of lower urinary tract function in a rat lumbar canal stenosis model. *Neurourol Urodyn* 31(7):1190-1196, 2012
 45. Sekine C, Koyanagi A, Koyama N, Hozumi K, Chiba S, Yagita H. Differential regulation of osteoclastogenesis by Notch2/Delta-like 1 and Notch1/Jagged1 axes. *Arthritis Res Ther* 14(2):R45, 2012
 46. Shiba-Ishii A, Noguchi M. Aberrant stratifin overexpression is regulated by tumor-associated CpG demethylation in lung adenocarcinoma. *Am J Pathol* 180(4):1653-1662, 2012

47. Shimazui T, Yoshikawa K, Miyazaki J, Kojima T, Inai H, Ando S, Uemura H, Uchida K, Nishiyama H. Systemic transduction of p16INK4A antitumor peptide inhibits the growth of MBT-2 mouse bladder tumor cell line grafts. *Int J Oncol* doi: 10.3892/ijo.2012.1752., 2012
48. Tachibana K, Minami Y, Shiba-Ishii A, Kano J, Nakazato Y, Sato Y, Goya T, Noguchi M. Abnormality of the hepatocyte growth factor/MET pathway in pulmonary adenocarcinogenesis. *Lung Cancer* 75(2):181-188, 2012
49. Takeda T, Wong TF, Adachi T, Ito K, Uehara S, Kanaoka Y, Kamada M, Kitagawa H, Koseki S, Gomibuchi H, Saito J, Shirasu K, Sueoka K, Sugimoto M, Suzuki M, Sumi T, Takeda S, Tasaka K, Noguchi Y, Fujii S, Fujii T, Fujiwara M, Maeda T, Matsumoto K, Momoeda M, Morita M, Yoshimura K, Hirai Y, Kubota T, Sakuragi N, Kawabata M, Yoshikawa H, Kobayashi H, Yaegashi N, Japan Society of O, Gynecology, Japan Association of O, Gynecologists. Guidelines for office gynecology in Japan: Japan Society of Obstetrics and Gynecology and Japan Association of Obstetricians and Gynecologists 2011 edition. *J Obstet Gynaecol Res* 38(4):615-631, 2012
50. Watanabe M, Tamaoka A, Morishita Y, Noguchi M. Cilnidipine Lowers Plasma Leptin of Patients with Obese Hypertension Associated with Cerebrovascular Disorder. *Open Access Scientific Reports* 1:529-602, 2012
51. Yamasaki T, Kamba T, Kanno T, Inoue T, Shibasaki N, Arakaki R, Yamada T, Kondo K, Kamoto T, Nishiyama H, Ogawa O, Nakamura E. Tumor microvasculature with endothelial fenestrations in VHL null clear cell renal cell carcinomas as a potent target of anti-angiogenic therapy. *Cancer Sci* 103(11):2027-2037, 2012
52. Yokoyama Y, Suzukawa K, Okoshi Y, Nanmoku T, Obara N, Enami T, Hasegawa Y, Chiba S. Nine years interval between first and second bone marrow transplantations and subsequent long-term survival--a case of acute myeloid leukemia with MLL-AF6 fusion gene. *Ann Hematol* 91(9):1491-1493, 2012
53. Yoshino T, Kawai K, Miyazaki J, Kimura T, Ikeda A, Takaoka E, Suetomi T, Oikawa T, Kojima T, Iwasaki H, Shimano H, Nishiyama H. A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. *Jpn J Clin Oncol* 42(8):764-766, 2012

b) 英文以外の論文

1. 安部加奈子, 濱田洋実, 岩城真奈美, 野口里枝, 大原玲奈, 豊田真紀, 永井優子, 小倉剛, 小島真奈, 吉川裕之. 当院における18トリソミー児の分娩管理と予後の検討. 日本周産期・新生児医学会雑誌 48(3):625-630, 2012
2. 北村俊雄, 大河内直子, 井上大地, 戸上勝仁, 内田智之, 鍵山侑希, 川畑公人, 千葉滋, 原田結花, 原田浩徳, 北浦次郎, 中原史雄. 骨髓異形成症候群(MDS)と慢性骨髄性白血病(CML)における白血病移行の分子機構. 臨床血液 53:734-739, 2012
3. 木村友和, 及川剛宏, 池田篤史, 吉野喬之, 末富崇弘, 宮崎淳, 島居徹, 橋本孝之, 杉田真太郎, 野口雅之, 西山博之. 陰茎原発紡錘形細胞肉腫の1例. 泌尿器科紀要 58(6):299-305, 2012

4. 木村博子, 神波大己, 熱田雄, 牧野雄樹, 大饗政嗣, 松井喜之, 今村正明, 清水洋祐, 井上貴博, 大久保和俊, 吉村耕治, 兼松明弘, 西山博之, 小川 修. 内視鏡超音波ガイド下経胃的脾仮性嚢胞ドレナージにより治療した腎被膜下嚢胞の1例. 泌尿器科紀要 58(8):421-424, 2012
5. 佐藤晋爾, 末富崇弘, 西山博之, 新井哲明, 朝田隆. 多彩な身体愁訴から心気症と診断された LOH(late-onset hypogonadism)症候群の1例. 精神医学 54(7):709-712, 2012
6. 佐藤泰樹, 南優子, 野口雅之. 肺癌の新しい病理組織分類—その意義と意図. 医学のあゆみ 240(13): 1041-1044, 2012
7. 塩浦加奈, 濱田洋実, 岩城真奈美, 野口里枝, 大原玲奈, 安部加奈子, 永井優子, 小倉剛, 小島真奈, 吉川裕之. 胎児腋窩～胸部リンパ管腫の出生前診断と娩出様式の選択. 日本周産期・新生児医学会雑誌 48(4):957-961, 2012
8. 竹内朋代, 森下由紀雄, 野口雅之. バイオバンク構築における病理の役割【共同研究の起点として機能する我が国のバイオバンクの実例】大学病院を中心とした地域レベルのバンキングシステム構築の試み; 病理と臨床30(6): 646-653, 2012
9. 野口雅之. 肺癌の病理—特に肺腺癌の分類の現状について—. 肺癌52(3): 339-345, 2012
10. 野口雅之. 【肺腺癌の分類】肺腺癌新国際分類 (IASLC, ATS, ERS) の概要. 肺腺癌の診断と治療—新しい分類と臨床治療の変化—. 病理と臨床30(5): 484-487, 2012
11. 灰谷崇夫, 清水洋祐, 井上貴博, 大久保和俊, 渡部淳, 神波大己, 吉村耕治, 兼松明弘, 西山博之, 小川修, 住吉真治, 三上芳喜, 錦織 桃子. 尿管壁全周性肥厚を呈した尿管悪性リンパ腫の1例. 泌尿器科紀要 58(4):209-213, 2012
12. 松原理絵, 錦井秀和, 大越靖, 長谷川雄一, 千葉滋. DICで発症し悪性リンパ腫との鑑別に苦慮した脾臓原発血管肉腫の1例. 内科 109(2):361-364, 2012
13. 南優子, 野口雅之. 【肺腺癌の診断と治療-新しい分類と臨床治療の変化-】 【肺腺癌の分類】上皮内腺癌と微少浸潤性腺癌. 病理と臨床30(5): 488-491, 2012
14. 吉川裕之. 産婦人科とEBM・ガイドライン. 埼玉産科婦人科学会雑誌 42:60-63, 2012

d) 英文以外の著書

1. 内田将央, 西山博之. 特集 1 化学療法／造血細胞移植における不妊対策 序～希望ある治療と治癒を求めて～ 5. 悪性疾患患者における治療前精子凍結保存の現状と問題点; "血液フロンティア Vol.22 No.12", 医薬ジャーナル社 (大阪) 2012; pp1839-1845
2. 小原直, 千葉滋. 22. 赤血球系血液疾患; "内科総合誌 Medical Practice 臨時増刊号(vol.29)「実地医家のための臨床検査のすすめかた・評価のしかた」" (編集 和田攻, 大久保昭行, 矢崎義雄, 大内尉義), 文光堂 (東京) 2012; pp283-289
3. 河合弘二, 西山博之. POOR RISK 精巣腫瘍の再考-さらなる治療成績の向上を目指して POOR RISK 精巣腫瘍に対する導入化学療法における治療の中核化の意義; "泌尿器外科 25 巻 3 号", 医学図書出版 (東京) 2012; pp297-303
4. 田中優美子, 岡田智志, 吉川裕之. 「画像診断」婦人科がん —最新の研究動向—; "日本臨床 Vol.70 増刊号", 日本臨床社 (東京) 2012; pp171-174
5. 田中優美子, 岡田智志, 吉川裕之. 卵巣表層上皮腫瘍; "臨床放射線 56(11)", 金原出版 (東

- 京) 2012; pp1401-1410
6. 錦井秀和, 横山泰久, 千葉滋. I 基礎編 2. 造血幹細胞移植分野における ES・iPS 細胞を用いた再生医療の試み; "造血幹細胞移植の基礎と臨床 (改訂版)" (編集 神田善伸), 医薬ジャーナル社 (大阪) 2012; pp35-40
 7. 西山博之. POOR RISK 精巣腫瘍の再考-さらなる治療成績の向上を目指して Poor risk testicular cancer-for further improvement of treatment outcome- 序文; "泌尿器外科 25(3)", 医学図書出版 (東京) 2012; pp289
 8. 水口剛雄, 吉川裕之. 子宮頸癌の発癌機序; "産婦人科の実際", 金原出版 (東京) 2012; pp295-300
 9. 宮崎淳, 西山博之. Current Organ Topics: Genitourinary Cancer 泌尿器系腫瘍 バイオマーカー; 最近の進歩 III. 膀胱癌のバイオマーカー; "Jpn J Cancer Chemother", 癌と化学療法社 2012; pp48-53
 10. 宮崎淳, 西山博之. 筋層非浸潤性膀胱癌の治療戦略 膀胱内 BCG 注入療法および維持療法の有用性; "臨床泌尿器科", 医学書院 (東京) 2012; pp453-460
 11. 宮崎淳, 西山博之. 泌尿器病理 II-尿路系 精巣 外陰部- 尿路上皮癌の診断・治療: 最近の話題; "病理と臨床 vol.30 no.10", 文光堂 (東京) 2012; pp1067-1077
 12. 宮崎淳, 西山博之. 2 膀胱がん 1 章. 泌尿器腫瘍の看護マニュアル; "「フローチャートでわかる! 泌尿器科疾患別看護マニュアル」泌尿器ケア 2012 年 冬季増刊(通巻 205 号)" (監修 後藤百万), メディカル出版 (大阪) 2012; pp27-28
 13. 宮崎淳, 西山博之. 13. 膀胱腫瘍 泌尿器科疾患 腎疾患治療マニュアル 2012-13 治療各論; "腎と透析 2012 Vol.72 増刊号", 東京医学社 (東京) 2012; pp535-539
 14. 吉川裕之. HPV DNA テスト; "産科と婦人科 Vol.79 増刊号", 診断と治療社 (東京) 2012; pp121-125
 15. 吉川裕之. HPV ワクチンの最新情報; "感染症", 2012; pp11-15
 16. 吉川裕之. 局所進行子宮頸癌のシスプラチン併用化学放射線療法に初めて優れた臨床試験; "CRITICAL EYES on Clinical Oncology 42(2)", 中外製薬 (東京) 2012; pp2
 17. 吉川裕之. 子宮頸癌; "今日の治療指針 2012 -私はこう治療している-" (編集 山口徹, 北原光夫, 福井次矢), 医学書院 (東京) 2012; pp1073-1074
 18. 吉川裕之. 進みつつある子宮頸がんワクチンの普及と今後の展望; "臨床婦人科産科 66(1)", 医学書院 (東京) 2012; pp92-97
 19. 吉川裕之. 婦人科がん. 子宮頸がんの発生 -我が国および世界の動向-; "日本臨牀 Vol.70 増刊号", 日本臨床社 (東京) 2012; pp73-76
 20. 吉川裕之. ネオアシュバント化学療法後の interval debulking surgery について; "産科と婦人科 79(6)", 診断と治療社 (東京) 2012; pp737-741
 21. 吉川裕之. 臨床医学の展望 2012 -婦人科学-; "日本医事新報", 日本医事新報社 (東京) 2012; pp58-63

3D-CG バーチャル手術シミュレーションシステム

a) 英文論文

1. Fujishiro J, Hori T, Kaneko M, Fukunaga K, Ohkouchi N, Takada Y, Masumoto K. Liver transplantation from a donor with asymptomatic type IV-a choledochal cyst: the long-term postoperative course. *Transplantation* 94(12):e72, 2012
2. Ikeda N, Murata S, Maruyama T, Tamura T, Nozaki R, Kawasaki T, Fukunaga K, Oda T, Sasaki R, Homma M, Ohkohchi N. Platelet-derived adenosine 5'-triphosphate suppresses activation of human hepatic stellate cell: In vitro study. *Hepatol Res* 42(1):91-102, 2012
3. Kishimoto M, Minagawa M, Yanagihara H, Oda T, Ohkohchi N, Kita E. Synthesis and magnetic properties of platelet γ -Fe₂O₃ particles for medical applications using hysteresis-loss heating. *Journal of Magnetism and Magnetic Materials* 324:1285-1289, 2012
4. Kishimoto M, Oda T, Ohara Y, Miyamoto R, Akashi Y, Yanagihara H, Ohkohchi N, Kita E. Morphology and magnetic properties of platelet γ -Fe₂O₃ particles. *Materials Transactions* 53:1711-1715, 2012
5. Kobayashi A, Oda T, Fukunaga K, Sasaki R, Ohkohchi N. Invasion of the hepatic artery is a crucial predictor of poor outcomes in gallbladder carcinoma. *World J Surg* 36(3):645-650, 2012
6. Nagai K, Kohno K, Chiba M, Pak S, Murata S, Fukunaga K, Kobayashi A, Yasue H, Ohkohchi N. Differential expression profiles of sense and antisense transcripts between HCV-associated hepatocellular carcinoma and corresponding non-cancerous liver tissue. *Int J Oncol* 40(6):1813-1820, 2012
7. Nakahashi-Oda C, Tahara-Hanaoka S, Shoji M, Okoshi Y, Nakano-Yokomizo T, Ohkohchi N, Yasui T, Kikutani H, Honda S, Shibuya K, Nagata S, Shibuya A. Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. *J Exp Med* 209(8):1493-1503, 2012
8. Nowatari T, Kobayashi A, Fukunaga K, Oda T, Sasaki R, Ohkohchi N. Recognition of other organ involvement might assist in the differential diagnosis of IgG4-associated sclerosing cholangitis without apparent pancreatic involvement: report of two cases. *Surg Today* 42(11):1111-1115, 2012
9. Nozaki R, Murata S, Nowatari T, Maruyama T, Ikeda N, Kawasaki T, Fukunaga K, Ohkohchi N. Effects of thrombopoietin on growth of hepatocellular carcinoma: Is thrombopoietin therapy for liver disease safe or not? *Hepatol Res* doi: 10.1111/hepr.12006., 2012
10. Ohara Y, Oda T, Yamada K, Hashimoto S, Akashi Y, Miyamoto R, Kobayashi A, Fukunaga K, Sasaki R, Ohkohchi N. Effective delivery of chemotherapeutic nanoparticles by depleting host Kupffer cells. *Int J Cancer* 131(10):2402-2410, 2012
11. Okura N, Mori K, Morishita Y, Oda T, Tanoi T, Minami M. Inflammatory pseudotumor of the intrapancreatic accessory spleen: computed tomography and magnetic resonance imaging findings. *Jpn J Radiol* 30(2):171-175, 2012
12. Takahashi K, Sasaki R, Oshiro Y, Fukunaga K, Oda T, Ohkohchi N. Well-differentiated endocrine carcinoma originating from the bile duct in association with a congenital choledochal cyst. *Int Surg* 97(4):315-320, 2012

13. Tamura T, Inagawa S, Hisakura K, Enomoto T, Ohkohchi N. Evaluation of serum high-density lipoprotein cholesterol levels as a prognostic factor in gastric cancer patients. *J Gastroenterol Hepatol* 27(10):1635-1640, 2012
14. Tamura T, Kondo T, Fukunaga K, Ohkohchi N. Platelet dynamics in the sinusoid of the liver after ischemia-reperfusion. *J Gastroenterol Hepatol Res* 1(7): 114-118, 2012
15. Tamura T, Kondo T, Pak S, Nakano Y, Murata S, Fukunaga K, Ohkohchi N. Interaction between Kupffer cells and platelets in the early period of hepatic ischemia-reperfusion injury--an in vivo study. *J Surg Res* 178(1):443-451, 2012
16. Yamaguchi R, Terashima H, Yoneyama S, Tadano S, Ohkohchi N. Effects of platelet-rich plasma on intestinal anastomotic healing in rats: PRP concentration is a key factor. *J Surg Res* 173(2):258-266, 2012

b) 英文以外の論文

1. 池田治, 神賀正博, 大河内信弘. Dermoid cystを併存した成人横行結腸重複症の1例. 日本臨床外科学会雑誌 73(6):1460-1464, 2012
2. 池田治, 松尾亮太, 中山健, 奥田洋一, 大河内信弘. 腸回転異常を伴った右傍十二指腸ヘルニアによる小腸軸捻の1例. 日本臨床外科学会雑誌 73(4):894-898, 2012
3. 池田 直哉, 飯塚 育士, 市村 由佳子, 高垣 俊郎, 大河内 信弘. 胃癌術後に発症した高齢者腸結核の1例. 日本臨床外科学会雑誌 73(2):390-394, 2012
4. 池田 直哉, 飯塚 育士, 市村 由佳子, 高垣 俊郎, 大河内 信弘. 胃軸捻転を伴い左胸腔内へ脱出した巨大傍食道穿孔ヘルニアに対し、腹腔鏡下に修復した1例. 手術 66(3):361-363, 2012
5. 大和田洋平, 松尾亮太, 池田治, 田野井智倫, 大河内信弘. 鼠径ヘルニア術後の慢性疼痛に対し腸骨鼠径神経摘出を行った1例. 日本臨床外科学会雑誌 73(11):2999-3002, 2012
6. 大和田洋平, 松尾亮太, 池田治, 中山健, 田野井智倫, 大河内信弘. 臍頭十二指腸切除術を施行した腸回転異常を伴う臍頭部癌の1例. 日本臨床外科学会雑誌 73(9):2367-2371, 2012
7. 小川光一, 稲川智, 福永潔, 大河内信弘. 異時性肝転移に対し化学療法に肝切除を施行した胃癌の1例. 日本臨床外科学会雑誌 73(6):1513-1518, 2012
8. 黒川 友博, 植田 貴徳, 榎本 剛史, 山本 雅由, 丸山 治彦, 大河内 信弘. 術前に肝内胆管癌と診断され、抗体検査から肝蛭症が疑われた1切除例. 日本消化器外科学会雑誌 45(4):387-393, 2012
9. 黒川 友博, 山本 雅由, 植田 貴徳, 榎本 剛史, 大河内 信弘. 原発性大網膿瘍の1切除例. 日本臨床外科学会雑誌 73(5):1252-1256, 2012
10. 下村治, 益子一樹, 阿竹茂, 河野元嗣, 大河内信弘. 鈍的腹部外傷による胆嚢内出血をきたした1例. 日本臨床外科学会雑誌 73(9):2334-2338, 2012
11. 中山健, 松尾亮太, 池田治, 奥田洋一, 大河内信弘. 亜全胃温存臍頭十二指腸切除後に発症したビタミンA欠乏による夜盲症の1例. 日本臨床外科学会雑誌 73(2):422-426, 2012

12. 中山健, 松尾亮太, 池田治, 奥田洋一, 大河内信弘. 回腸憩室穿孔の1例. 日本臨床外科学会雑誌 73(6):1416-1421, 2012
13. 中山健, 松尾亮太, 池田治, 奥田洋一, 大河内信弘. 単孔式腹腔鏡下胆嚢摘出術を施行した胆嚢捻転症の1例. 日本臨床外科学会雑誌 73(8):2035-2039, 2012
14. 野渡 剛之, 稲川 智, 木村 聡大, 久倉 勝治, 寺島 秀夫, 大河内 信弘. 出血を繰り返した胃十二指腸アミロイドーシスの1切除例. 日本消化器外科学会雑誌 45(7):715-723, 2012
15. 朴秀吉, 福永潔, 小林昭彦, 小田竜也, 村田聡一郎, 佐々木亮孝, 大河内信弘. 肝細胞癌切除術におけるアルブミン製剤適正使用厳守による影響の検討. 日本消化器外科学会雑誌 45(1):16-22, 2012

c) 英文著書

1. Ikeda N, Ohkohchi N, Murata S. Chapter 9. Hepatic stellate cells control liver fibrosis by platelets; in "Advances in Medicine and Biology 46 " (edited by Leon Berhardt V), Nova Biomedical (New York) 2012; pp185-207
2. Maruyama T, Kawasaki T, Hisakura K, Murata S, Matsuo R, Ohkohchi N. Chapter 1. New therapy for liver disease by platelets; in "Thrombocytopenia Causes, Diagnosis and Treatment" (edited by Maysaa El Sayed Zaki), Nova Biomedical (New York) 2012; pp1-39
3. Maruyama T, Murata S, Ohkohchi N. Chapter 6. Treatment for liver metastases from colorectal cancer with inhibitor of fatty acid synthase; in "Horizons in Cancer Research 49" (edited by Hiroto S Watanabe), Nova Biomedical (New York) 2012; pp153-177
4. Ohkohchi N, Murata S, Takahashi K. Chapter 6. Platelet and liver regeneration; in "Tissue Regeneration -from Basic Biology to Clinical Application (1st edition)" (edited by Davies J), INTECH (U.S.A) 2012; pp109-144

d) 英文以外の著書

1. 大河内信弘. 第 28 章. 臓器移植; "外科学 温故知新 (第 1 版)" (編集 桑野博行), 大道学館出版部 (福岡) 2012; pp420-433
2. 丸山岳人, 大河内信弘. 血小板と肝再生; "生化学 84(8)", 2012; pp693-698

神経生理学

a) 英文論文

1. Iwamoto Y, Umetsu D, Ozaki S. Evaluation of driver-vehicle matching using neck muscle activity and vehicle dynamics. *Kansei Engineering International Journal* 11(3):147-154, 2012
2. Mizuhiki T, Inaba K, Setogawa T, Toda K, Ozaki S, Shidara M. The influence of passband limitation on the waveform of extracellular action potential. *Neurosci Res* 72(3):214-220, 2012
3. Mizuhiki T, Richmond BJ, Shidara M. Encoding of reward expectation by monkey anterior insular neurons. *J Neurophysiol* 107(11):2996-3007, 2012
4. Nakamagoe K, Mamada N, Shiigai M, Shimizu K, Koganezawa T, Tamaoka A. Recurrent isolated abducens nerve paresis associated with persistent trigeminal artery variant. *Intern Med* 51(16):2213-2216, 2012
5. Nakamagoe K, Shimizu K, Koganezawa T, Tamaoka A. Downbeat nystagmus due to a paramedian medullary lesion. *J Clin Neurosci* 19(11):1597-1599, 2012
6. Ohyama K, Sugase-Miyamoto Y, Matsumoto N, Shidara M, Sato C. Stimulus-related activity during conditional associations in monkey perirhinal cortex neurons depends on upcoming reward outcome. *J Neurosci* 32(48):17407-17419, 2012
7. Ozaki S, Hisano S, Iwamoto Y. Potency of animal models in KANSEI engineering: a basic approach from neuroscience. *Kansei Engineering International Journal* 11(3):127-132, 2012
8. Sabino-Silva R, Ceroni A, Koganezawa T, Michelini LC, Machado UF, Antunes VR. Baroreceptor-mediated activation of sympathetic nerve activity to salivary glands. *Physiol Behav* 107(3):390-396, 2012
9. Toda K, Sugase-Miyamoto Y, Mizuhiki T, Inaba K, Richmond BJ, Shidara M. Differential encoding of factors influencing predicted reward value in monkey rostral anterior cingulate cortex. *PLoS One* 7(1):e30190, 2012

b) 英文以外の論文

1. 西丸 広史. 歩行運動発現における脊髄抑制性ニューロンの役割. *Clin Neurosci* 30(12):1371-1374, 2012

d) 英文以外の著書

1. 尾崎 繁. 第4章. 筋収縮; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp39-44
2. 尾崎 繁. 第9章. 運動; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp79-88

行動決定の脳内情報処理機構

a) 英文論文

1. Haijima A, Ichitani Y. Dissociable anterograde amnesic effects of retrosplenial cortex and hippocampal lesions on spontaneous object recognition memory in rats. *Hippocampus* 22(9):1868-1875, 2012
2. Iwamoto Y, Umetsu D, Ozaki S. Evaluation of driver-vehicle matching using neck muscle activity and vehicle dynamics. *Kansei Engineering International Journal* 11(3):147-154, 2012
3. Iwata K, Izumo N, Matsuzaki H, Manabe T, Ishibashi Y, Ichitani Y, Yamada K, Thanseem I, Anitha A, Vasu MM, Shimmura C, Wakuda T, Kamenno Y, Takahashi T, Iwata Y, Suzuki K, Nakamura K, Mori N. Vldlr overexpression causes hyperactivity in rats. *Mol Autism* 3(1):11, 2012
4. Kaneko M, Kline JJ, Akiyama E, Ishikawa R. A Simulation Study of Learning a Structure Mike's Bike Commuting. *Proceedings of 2nd International Conference on Simulation and Modeling Methodologies, Technologies (SIMULTECH 2012)*: 208-217, 2012
5. Mizuhiki T, Inaba K, Setogawa T, Toda K, Ozaki S, Shidara M. The influence of passband limitation on the waveform of extracellular action potential. *Neurosci Res* 72(3):214-220, 2012
6. Mizuhiki T, Richmond BJ, Shidara M. Encoding of reward expectation by monkey anterior insular neurons. *J Neurophysiol* 107(11):2996-3007, 2012
7. Ohyama K, Sugase-Miyamoto Y, Matsumoto N, Shidara M, Sato C. Stimulus-related activity during conditional associations in monkey perirhinal cortex neurons depends on upcoming reward outcome. *J Neurosci* 32(48):17407-17419, 2012
8. Ozaki S, Hisano S, Iwamoto Y. Potency of animal models in KANSEI engineering: a basic approach from neuroscience. *Kansei Engineering International Journal* 11(3):127-132, 2012
9. Ozawa T, Kumeji M, Yamada K, Ichitani Y. D-Cycloserine enhances spatial memory in spontaneous place recognition in rats. *Neurosci Lett* 509(1):13-16, 2012
10. Toda K, Sugase-Miyamoto Y, Mizuhiki T, Inaba K, Richmond BJ, Shidara M. Differential encoding of factors influencing predicted reward value in monkey rostral anterior cingulate cortex. *PLoS One* 7(1):e30190, 2012

d) 英文以外の著書

1. 尾崎繁. 第4章. 筋収縮; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp39-44
2. 尾崎繁. 第9章. 運動; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp79-88

統合の神経回路

a) 英文論文

1. Horiuchi Y, Iida S, Koga M, Ishiguro H, Iijima Y, Inada T, Watanabe Y, Someya T, Ujike H, Iwata N, Ozaki N, Kunugi H, Tochigi M, Itokawa M, Arai M, Niizato K, Iritani S, Kakita A, Takahashi H, Nawa H, Arinami T. Association of SNPs linked to increased expression of SLC1A1 with schizophrenia. *Am J Med Genet B Neuropsychiatr Genet* 159B(1):30-37, 2012
2. Ishikawa C, Shiga T. Massage changes babies' body, brain and behavior. *Kansei Engineering International J* 11:109-114, 2012
3. Iwamoto Y, Umetsu D, Ozaki S. Evaluation of driver-vehicle matching using neck muscle activity and vehicle dynamics. *Kansei Engineering International Journal* 11(3):147-154, 2012
4. Kobayashi A, Senzaki K, Ozaki S, Yoshikawa M, Shiga T. Runx1 promotes neuronal differentiation in dorsal root ganglion. *Mol Cell Neurosci* 49(1):23-31, 2012
5. Masuda T, Sakuma C, Taniguchi M, Kanemoto A, Yoshizawa M, Satomi K, Tanaka H, Takeuchi K, Ueda S, Yaginuma H, Shiga T. Development of the dorsal ramus of the spinal nerve in the chick embryo: a close relationship between development and expression of guidance cues. *Brain Res* 1480:30-40, 2012
6. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RG, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem* 287(12):9579-9590, 2012
7. Nakamagoe K, Mamada N, Shiigai M, Shimizu K, Koganezawa T, Tamaoka A. Recurrent isolated abducens nerve paresis associated with persistent trigeminal artery variant. *Intern Med* 51(16):2213-2216, 2012
8. Nakamagoe K, Shimizu K, Koganezawa T, Tamaoka A. Downbeat nystagmus due to a paramedian medullary lesion. *J Clin Neurosci* 19(11):1597-1599, 2012
9. Nikitopoulou I, Oikonomou N, Karouzakis E, Sevastou I, Nikolaidou-Katsaridou N, Zhao Z, Mersinias V, Armaka M, Xu Y, Masu M, Mills GB, Gay S, Kollias G, Aidinis V. Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis. *J Exp Med* 209(5):925-933, 2012
10. Ono M, Hamada Y, Horiuchi Y, Matsuo-Takasaki M, Imoto Y, Satomi K, Arinami T, Hasegawa M, Fujioka T, Nakamura Y, Noguchi E. Generation of induced pluripotent stem cells from human nasal epithelial cells using a Sendai virus vector. *PLoS One* 7(8):e42855, 2012
11. Ozaki S, Hisano S, Iwamoto Y. Potency of animal models in KANSEI engineering: a basic approach from neuroscience. *Kansei Engineering International Journal* 11(3):127-132, 2012
12. Sabino-Silva R, Ceroni A, Koganezawa T, Michelini LC, Machado UF, Antunes VR. Baroreceptor-mediated activation of sympathetic nerve activity to salivary glands. *Physiol Behav* 107(3):390-396, 2012

13. Saito M, Kamoda T, Nishimura K, Miyazono Y, Kanai Y, Kato Y, Iwabuchi A, Fukushima H, Hamada H, Arinami T, Sumazaki R, Noguchi E. Association of adiponectin polymorphism with cord blood adiponectin concentrations and intrauterine growth. *J Hum Genet* 57(2):109-114, 2012
14. Tanaka S, Syu A, Ishiguro H, Inada T, Horiuchi Y, Ishikawa M, Koga M, Noguchi E, Ozaki N, Someya T, Kakita A, Takahashi H, Nawa H, Arinami T. DPP6 as a candidate gene for neuroleptic-induced tardive dyskinesia. *Pharmacogenomics J* doi: 10.1038/tpj.2011.36., 2012
15. Uezato A, Kimura-Sato J, Yamamoto N, Iijima Y, Kunugi H, Nishikawa T. Further evidence for a male-selective genetic association of synapse-associated protein 97 (SAP97) gene with schizophrenia. *Behav Brain Funct* 8:2, 2012
16. Watanabe Y, Egawa J, Iijima Y, Nunokawa A, Kaneko N, Shibuya M, Arinami T, Ujike H, Inada T, Iwata N, Tochigi M, Kunugi H, Itokawa M, Ozaki N, Hashimoto R, Someya T. A two-stage case-control association study between the tryptophan hydroxylase 2 (TPH2) gene and schizophrenia in a Japanese population. *Schizophr Res* 137(1-3):264-266, 2012
17. Yamamuro T, Hori M, Nakagawa Y, Hayashi T, Sakamoto S, Ohnishi J, Takeuchi S, Mihara Y, Shiga T, Murakami K, Urayama O. Tickling stimulation causes the up-regulation of the kallikrein family in the submandibular gland of the rat. *Behav Brain Res* doi: 10.1016/j.bbr.2012.09.001., 2012
18. Yoshida M, Shiroya K, Mouri K, Ishiguro H, Supriyanto I, Ratta-Apha W, Eguchi N, Okazaki S, Sasada T, Fukutake M, Hashimoto T, Inada T, Arinami T, Shirakawa O, Hashimoto A. Haplotypes in the expression quantitative trait locus of interleukin-1beta gene are associated with schizophrenia. *Schizophr Res* 140(1-3):185-191, 2012

b) 英文以外の論文

1. 西丸広史. 歩行運動発現における脊髄抑制性ニューロンの役割. *Clin Neurosci* 30:11371-11374, 2012

d) 英文以外の著書

1. 尾崎繁. 第4章. 筋収縮; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp39-44
2. 尾崎繁. 第9章. 運動; "はじめの一步のイラスト生理学 (改訂第2版)" (編集 照井直人), 羊土社 (東京) 2012; pp79-88

基礎・社会・臨床医学の連携による健康長寿の実現

a) 英文論文

1. Aita Y, Ishii KA, Saito Y, Ikeda T, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib inhibits catecholamine synthesis and secretion in pheochromocytoma tumor cells by blocking VEGF receptor 2 via PLC- γ -related pathways. *Am J Physiol Endocrinol Metab* 303(8):E1006-1014, 2012
2. Fujimoto Y, Nakagawa Y, Shingyouchi A, Tokushige N, Nakanishi N, Satoh A, Matsuzaka T, Ishii KA, Iwasaki H, Kobayashi K, Yatoh S, Suzuki H, Yahagi N, Urayama O, Yamada N, Shimano H. Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. *Biochem Biophys Res Commun* 420(4):931-936, 2012
3. Fujita A, Yoh K, Shimohata H, Morito N, Ojima M, Okamura M, Takahashi S, Yamagata K. A novel diabetes mellitus mouse model, MafA-deficient and beta cell-specific MafK-overexpressing hybrid transgenic mice, developed severe diabetic nephropathy and improved with TCV-116 (candesartan cilexetil) treatment. *Exp Anim* 61(1):49-57, 2012
4. Fujita J, Kawaguchi M, Kokubu F, Ohara G, Ota K, Huang SK, Morishima Y, Ishii Y, Satoh H, Sakamoto T, Hizawa N. Interleukin-33 induces interleukin-17F in bronchial epithelial cells. *Allergy* 67(6):744-750, 2012
5. Fukuhara S, Simmons S, Kawamura S, Inoue A, Orba Y, Tokudome T, Sunden Y, Arai Y, Moriwaki K, Ishida J, Uemura A, Kiyonari H, Abe T, Fukamizu A, Hirashima M, Sawa H, Aoki J, Ishii M, Mochizuki N. The sphingosine-1-phosphate transporter Spns2 expressed on endothelial cells regulates lymphocyte trafficking in mice. *J Clin Invest* 122(4):1416-1426, 2012
6. Hara M, Yamagata K, Tomino Y, Saito A, Hirayama Y, Ogasawara S, Kurosawa H, Sekine S, Yan K. Urinary podocalyxin is an early marker for podocyte injury in patients with diabetes: establishment of a highly sensitive ELISA to detect urinary podocalyxin. *Diabetologia* 55(11):2913-2919, 2012
7. Hashizume O, Shimizu A, Yokota M, Sugiyama A, Nakada K, Miyoshi H, Itami M, Ohira M, Nagase H, Takenaga K, Hayashi J. Specific mitochondrial DNA mutation in mice regulates diabetes and lymphoma development. *Proc Natl Acad Sci U S A* 109(26):10528-10533, 2012
8. Hattori T, Konno S, Shigemura M, Matsuno K, Shimizu C, Shigehara K, Shijubo N, Hizawa N, Yamaguchi E, Nishimura M. Total serum IgE levels and atopic status in patients with sarcoidosis. *Allergy Asthma Proc* 33(1):90-94, 2012
9. Hidaka S, Ikejima C, Kodama C, Nose M, Yamashita F, Sasaki M, Kinoshita T, Tanimukai S, Mizukami K, Takahashi H, Kakuma T, Tanaka S, Asada T. Prevalence of depression and depressive symptoms among older Japanese people: comorbidity of mild cognitive impairment and depression. *Int J Geriatr Psychiatry* 27(3):271-279, 2012
10. Hirai Y, Iyoda M, Shibata T, Kuno Y, Kawaguchi M, Hizawa N, Matsumoto K, Wada Y, Kokubu F, Akizawa T. IL-17A stimulates granulocyte colony-stimulating factor production via ERK1/2 but

- not p38 or JNK in human renal proximal tubular epithelial cells. *Am J Physiol Renal Physiol* 302(2):F244-250, 2012
11. Hirasawa R, Saito K, Yachi Y, Ibe Y, Kodama S, Asumi M, Horikawa C, Saito A, Heianza Y, Kondo K, Shimano H, Sone H. Quality of Internet information related to the Mediterranean diet. *Public Health Nutr* 15(5):885-893, 2012
 12. Hirota T, Takahashi A, Kubo M, Tsunoda T, Tomita K, Sakashita M, Yamada T, Fujieda S, Tanaka S, Doi S, Miyatake A, Enomoto T, Nishiyama C, Nakano N, Maeda K, Okumura K, Ogawa H, Ikeda S, Noguchi E, Sakamoto T, Hizawa N, Ebe K, Saeki H, Sasaki T, Ebihara T, Amagai M, Takeuchi S, Furue M, Nakamura Y, Tamari M. Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. *Nat Genet* 44(11):1222-1226, 2012
 13. Hizawa N. Associating serum biomarkers with genetic susceptibility to chronic obstructive pulmonary disease: a step towards improved diagnosis and therapy? *Am J Respir Crit Care Med* 186(12):1201-1202, 2012
 14. Hizawa N. The search for genetic links in NSAID-induced acute urticaria and the arachidonic acid pathway. *Clin Exp Allergy* 42(12):1660-1663, 2012
 15. Hoshi SL, Kondo M, Okubo I. Cost-effective policy option in launching a community-based pneumococcal vaccination program among the elderly in Japan. *Ageing Research* 4:53-60, 2012
 16. Hoshi SL, Kondo M, Okubo I. Economic evaluation of vaccination programme of 7-valent pneumococcal conjugate vaccine to the birth cohort in Japan. *Vaccine* 30(22):3320-3328, 2012
 17. Hoshino J, Molnar MZ, Yamagata K, Ubara Y, Takaichi K, Kovessy CP, Kalantar-Zadeh K. Developing an HbA(1c)-based equation to estimate blood glucose in maintenance hemodialysis patients. *Diabetes Care* doi: 10.2337/dc12-1019., 2012
 18. Iijima H, Kaneko Y, Yamada H, Yatagai Y, Masuko H, Sakamoto T, Naito T, Hirota T, Tamari M, Konno S, Nishimura M, Noguchi E, Hizawa N. A distinct sensitization pattern associated with asthma and the thymic stromal lymphopoietin (TSLP) genotype. *Allergol Int* doi: 10.2332/allergolint.12-OA-0488., 2012
 19. Iijima K, Someya T, Ito S, Nozu K, Nakanishi K, Matsuoka K, Ohashi H, Nagata M, Kamei K, Sasaki S. Focal segmental glomerulosclerosis in patients with complete deletion of one WT1 allele. *Pediatrics* 129(6):e1621-1625, 2012
 20. Inoue A, Matsumoto I, Tanaka Y, Umeda N, Tanaka Y, Mihara M, Takahashi S, Sumida T. Murine tumor necrosis factor α -induced adipose-related protein (tumor necrosis factor α -induced protein 9) deficiency leads to arthritis via interleukin-6 overproduction with enhanced NF- κ B, STAT-3 signaling, and dysregulated apoptosis of macrophages. *Arthritis Rheum* 64(12):3877-3885, 2012
 21. Iseki K, Asahi K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Fujimoto S, Konta T, Kurahashi I, Ohashi Y, Watanabe T. Risk factor profiles based on estimated glomerular filtration rate and dipstick proteinuria among participants of the Specific Health Check and Guidance System in Japan 2008. *Clin Exp Nephrol* 16(2):244-249, 2012

22. Ishikawa K, Imanishi H, Takenaga K, Hayashi J. Regulation of metastasis; mitochondrial DNA mutations have appeared on stage. *J Bioenerg Biomembr* 44(6): 639-644, 2012
23. Ishimaru T, Ishida J, Nakamura S, Hashimoto M, Matsukura T, Nakamura A, Kunita S, Sugiyama F, Yagami K, Fukamizu A. Short-term suppression of the renin-angiotensin system in mice associated with hypertension during pregnancy. *Mol Med Rep* 6(1):28-32, 2012
24. Iwasaki H, Naka A, Iida KT, Nakagawa Y, Matsuzaka T, Ishii KA, Kobayashi K, Takahashi A, Yatoh S, Yahagi N, Sone H, Suzuki H, Yamada N, Shimano H. TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. *Am J Physiol Endocrinol Metab* 302(7):E896-902, 2012
25. Kanashiki M, Tomizawa T, Yamaguchi I, Kurishima K, Hizawa N, Ishikawa H, Kagohashi K, Satoh H. Volume doubling time of lung cancers detected in a chest radiograph mass screening program: Comparison with CT screening. *Oncol Lett* 4(3):513-516, 2012
26. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Hizawa N. The opposite effect of the CCL5 gene on asthma and baseline FEV(1) in nonasthmatic healthy adults. *Allergol Int* 61(1):177-178, 2012
27. Kaneko Y, Masuko H, Sakamoto T, Iijima H, Naito T, Yatagai Y, Yamada H, Konno S, Nishimura M, Noguchi E, Hizawa N. Asthma phenotypes in Japanese adults - their associations with the CCL5 and ADRB2 genotypes. *Allergol Int* doi: 10.2332/allergolint.12-OA-0467., 2012
28. Kanemoto A, Mizumoto M, Okumura T, Takahashi H, Hashimoto T, Oshiro Y, Fukumitsu N, Moritake T, Tsuboi K, Sakae T, Sakurai H. Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. *Acta Oncol* doi: 10.3109/0284186X.2012.718094., 2012
29. Kawamura T, Usui J, Kaseda K, Takada K, Ebihara I, Ishizu T, Iitsuka T, Sakai K, Takemura K, Kobayashi M, Koyama A, Kanemoto K, Sumazaki R, Uesugi N, Noguchi M, Nagata M, Suka M, Yamagata K. Primary membranoproliferative glomerulonephritis on the decline: decreased rate from the 1970s to the 2000s in Japan. *Clin Exp Nephrol* doi: 10.1007/s10157-012-0690-7., 2012
30. Kodama S, Horikawa C, Fujihara K, Heianza Y, Hirasawa R, Yachi Y, Sugawara A, Tanaka S, Shimano H, Iida KT, Saito K, Sone H. Comparisons of the strength of associations with future type 2 diabetes risk among anthropometric obesity indicators, including waist-to-height ratio: a meta-analysis. *Am J Epidemiol* 176(11):959-969, 2012
31. Kodama S, Saito K, Tanaka S, Horikawa C, Fujiwara K, Hirasawa R, Yachi Y, Sone Y, Tada Iida K, Shimano H, Ohashi Y, Yamada N, Sone H. Fasting and post-challenge glucose as quantitative cardiovascular risk factors: a meta-analysis. *J Atheroscler Thromb* 19(4):385-396, 2012
32. Kondo M, Hoshi SL, Ishiguro H, Toi M. Economic evaluation of the 70-gene prognosis-signature (MammaPrint(R)) in hormone receptor-positive, lymph node-negative, human epidermal growth factor receptor type 2-negative early stage breast cancer in Japan. *Breast Cancer Res Treat* 133(2):759-768, 2012

33. Kondo M, Ono M, Nakazawa K, Kayaba M, Minakuchi E, Sugimoto K, Honda Y. Population at high-risk of indoor heatstroke: the usage of cooling appliances among urban elderlies in Japan. *Environ Health Prev Med* doi: 10.1007/s12199-012-0313-7., 2012
34. Kondo M, Yamagata K, Hoshi SL, Saito C, Asahi K, Moriyama T, Tsuruya K, Yoshida H, Iseki K, Watanabe T. Cost-effectiveness of chronic kidney disease mass screening test in Japan. *Clin Exp Nephrol* 16(2):279-291, 2012
35. Kondo M, Yamamura M, Hoshi SL, Okubo I. Demand for pneumococcal vaccination under subsidy program for the elderly in Japan. *BMC Health Serv Res* 12:313, 2012
36. Kondo Y, Iizuka M, Wakamatsu E, Yao Z, Tahara M, Tsuboi H, Sugihara M, Hayashi T, Yoh K, Takahashi S, Matsumoto I, Sumida T. Overexpression of T-bet gene regulates murine autoimmune arthritis. *Arthritis Rheum* 64(1):162-172, 2012
37. Konno S, Hizawa N, Fukutomi Y, Taniguchi M, Kawagishi Y, Okada C, Tanimoto Y, Takahashi K, Akasawa A, Akiyama K, Nishimura M. The prevalence of rhinitis and its association with smoking and obesity in a nationwide survey of Japanese adults. *Allergy* 67(5):653-660, 2012
38. Konta T, Ikeda A, Ichikawa K, Fujimoto S, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Blood pressure control in a Japanese population with chronic kidney disease: a baseline survey of a nationwide cohort. *Am J Hypertens* 25(3):342-347, 2012
39. Matsumoto K, Azami T, Otsu A, Takase H, Ishitobi H, Tanaka J, Miwa Y, Takahashi S, Ema M. Study of normal and pathological blood vessel morphogenesis in Flt1-tdsRed BAC Tg mice. *Genesis* 50(7):561-571, 2012
40. Matsuzaka T, Atsumi A, Matsumori R, Nie T, Shinozaki H, Suzuki-Kemuriyama N, Kuba M, Nakagawa Y, Ishii K, Shimada M, Kobayashi K, Yatoh S, Takahashi A, Takekoshi K, Sone H, Yahagi N, Suzuki H, Murata S, Nakamuta M, Yamada N, Shimano H. Elovl6 promotes nonalcoholic steatohepatitis. *Hepatology* 56(6):2199-2208, 2012
41. Mizushima I, Yamada K, Fujii H, Inoue D, Umehara H, Yamagishi M, Yamaguchi Y, Nagata M, Matsumura M, Kawano M. Clinical and histological changes associated with corticosteroid therapy in IgG4-related tubulointerstitial nephritis. *Mod Rheumatol* 22(6):859-870, 2012
42. Nagai K, Saito C, Watanabe F, Ohkubo R, Sato C, Kawamura T, Uchida K, Hiwatashi A, Kai H, Ishida K, Sairenchi T, Yamagata K. Annual incidence of persistent proteinuria in the general population from Ibaraki annual urinalysis study. *Clin Exp Nephrol* doi: 10.1007/s10157-012-0692-5., 2012
43. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RGP, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem* 287(12):9579-9590, 2012
44. Nakahashi-Oda C, Tahara-Hanaoka S, Honda S, Shibuya K, Shibuya A. Identification of phosphatidylserine as a ligand for the CD300a immunoreceptor. *Biochem Biophys Res Commun* 417(1):646-650, 2012

45. Nakahashi-Oda C, Tahara-Hanaoka S, Shoji M, Okoshi Y, Nakano-Yokomizo T, Ohkohchi N, Yasui T, Kikutani H, Honda S, Shibuya K, Nagata S, Shibuya A. Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. *J Exp Med* 209(8):1493-1503, 2012
46. Nakamura H, Satoh H, Kaburagi T, Nishimura Y, Shinohara Y, Inagaki M, Endo T, Saito T, Hayashihara K, Hizawa N, Kurishima K, Nawa T, Kagohashi K, Kishi K, Ishikawa H, Ichimura H, Hashimoto T, Sato Y, Sakai M, Kamiyama K, Matsumura T, Unoura K, Furukawa K. Bevacizumab-containing chemotherapy for non-small cell lung cancer patients: a population-based observational study by the Ibaraki thoracic integrative (POSITIVE) research group. *Med Oncol* 29(5):3202-3206, 2012
47. Nakazawa K, Kurishima K, Tamura T, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Specific organ metastases and survival in small cell lung cancer. *Oncol Lett* 4(4):617-620, 2012
48. Namiki K, Matsunaga H, Yoshioka K, Tanaka K, Murata K, Ishida J, Sakairi A, Kim J, Tokuhara N, Shibakawa N, Shimizu M, Wada Y, Tokunaga Y, Shigetomi M, Hagihara M, Kimura S, Sudo T, Fukamizu A, Kasuya Y. Mechanism for p38 α -mediated experimental autoimmune encephalomyelitis. *J Biol Chem* 287(29):24228-24238, 2012
49. Nikitopoulou I, Oikonomou N, Karouzakis E, Sevastou I, Nikolaidou-Katsaridou N, Zhao Z, Mersinias V, Armaka M, Xu Y, Masu M, Mills GB, Gay S, Kollias G, Aidinis V. Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis. *J Exp Med* 209(5):925-933, 2012
50. Ogasawara S, Hosojima M, Kaseda R, Kabasawa H, Yamamoto-Kabasawa K, Kurosawa H, Sato H, Iino N, Takeda T, Suzuki Y, Narita I, Yamagata K, Tomino Y, Gejyo F, Hirayama Y, Sekine S, Saito A. Significance of urinary full-length and ectodomain forms of megalin in patients with type 2 diabetes. *Diabetes Care* 35(5):1112-1118, 2012
51. Ohara G, Kurishima K, Nakazawa K, Kawaguchi M, Kagohashi K, Ishikawa H, Hizawa N, Satoh H. Age-dependent decline in renal function in patients with lung cancer. *Oncol Lett* 4(1):38-42, 2012
52. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Safety creatinine clearance level for platinum chemotherapy in lung cancer patients. *Oncol Lett* 3(2):311-314, 2012
53. Ohara G, Miyazaki K, Kurishima K, Kagohashi K, Ishikawa H, Satoh H, Hizawa N. Serum levels of cystatin C in elderly lung cancer patients. *Oncol Lett* 3(2):303-306, 2012
54. Oikawa A, Takahashi H, Ishikawa H, Kurishima K, Kagohashi K, Satoh H. Application of conditional probability analysis to distant metastases from lung cancer. *Oncol Lett* 3(3):629-634, 2012
55. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
56. Saida T, Mori K, Sato F, Shindo M, Takahashi H, Takahashi N, Sakakibara Y, Minami M. Prospective intraindividual comparison of unenhanced magnetic resonance imaging vs

- contrast-enhanced computed tomography for the planning of endovascular abdominal aortic aneurysm repair. *J Vasc Surg* 55(3):679-687, 2012
57. Saito Y, Tanaka Y, Aita Y, Ishii KA, Ikeda T, Isobe K, Kawakami Y, Shimano H, Hara H, Takekoshi K. Sunitinib induces apoptosis in pheochromocytoma tumor cells by inhibiting VEGFR2/Akt/mTOR/S6K1 pathways through modulation of Bcl-2 and BAD. *Am J Physiol Endocrinol Metab* 302(6):E615-625, 2012
 58. Sato Y, Yano Y, Fujimoto S, Konta T, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Glycohemoglobin not as predictive as fasting glucose as a measure of prediabetes in predicting proteinuria. *Nephrol Dial Transplant* 27(10):3862-3868, 2012
 59. Sekiguchi Y, Owada J, Oishi H, Katsumata T, Ikeda K, Kudo T, Takahashi S. Noninvasive monitoring of β -cell mass and fetal β -cell genesis in mice using bioluminescence imaging. *Exp Anim* 61(4):445-451, 2012
 60. Takada M, Sugimoto M, Naito Y, Moon HG, Han W, Noh DY, Kondo M, Kuroi K, Sasano H, Inamoto T, Tomita M, Toi M. Prediction of axillary lymph node metastasis in primary breast cancer patients using a decision tree-based model. *BMC Med Inform Decis Mak* 12:54, 2012
 61. Takada M, Sugimoto M, Ohno S, Kuroi K, Sato N, Bando H, Masuda N, Iwata H, Kondo M, Sasano H, Chow LW, Inamoto T, Naito Y, Tomita M, Toi M. Predictions of the pathological response to neoadjuvant chemotherapy in patients with primary breast cancer using a data mining technique. *Breast Cancer Res Treat* 134(2):661-670, 2012
 62. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
 63. Takeichi N, Midorikawa S, Watanabe A, Naing BT, Tamura H, Wakakuri-Kano T, Ishizaki A, Sugihara H, Nissato S, Saito Y, Aita Y, Ishii KA, Igarashi T, Kawakami Y, Hara H, Ikeda T, Shimizu K, Suzuki S, Shimano H, Kawamoto M, Shimada T, Watanabe T, Oikawa S, Takekoshi K. Identical germline mutations in the TMEM127 gene in two unrelated Japanese patients with bilateral pheochromocytoma. *Clin Endocrinol (Oxf)* 77(5):707-714, 2012
 64. Tojo M, Takebe A, Takahashi S, Tanaka K, Imamura T, Miyazono K, Chiba T. Smad7-deficient mice show growth retardation with reduced viability. *J Biochem* 151(6):621-631, 2012
 65. Tomita K, Sakashita M, Hirota T, Tanaka S, Masuyama K, Yamada T, Fujieda S, Miyatake A, Hizawa N, Kubo M, Nakamura Y, Tamari M. Variants in the 17q21 asthma susceptibility locus are associated with allergic rhinitis in the Japanese population. *Allergy* doi: 10.1111/all.12066., 2012
 66. Tsuruoka S, Hiwatashi A, Usui J, Yamagata K. The mitochondrial SIRT1-PGC-1 α axis in podocyte injury. *Kidney Int* 82(7):735-736, 2012
 67. Ueno T, Takeda K, Nagata M. Remission of proteinuria and preservation of renal function in patients with renal AA amyloidosis secondary to rheumatoid arthritis. *Nephrol Dial Transplant* 27(2):633-639, 2012

68. Usui J, Hirayama K, Suzuki S, Koyama A, Yamagata K. Combined administration of low-dose prednisolone and cyclosporine in idiopathic membranous nephropathy: Tsukuba's regimen for IMN. *Clin Exp Nephrol* 16(4):654-655, 2012
69. Usui J, Kobayashi T, Yamaguchi T, Knisely AS, Nishinakamura R, Nakauchi H. Generation of kidney from pluripotent stem cells via blastocyst complementation. *Am J Pathol* 180(6):2417-2426, 2012
70. Usui K, Honda S, Yoshizawa Y, Nakahashi-Oda C, Tahara-Hanaoka S, Shibuya K, Shibuya A. Isolation and characterization of naive follicular dendritic cells. *Mol Immunol* 50(3):172-176, 2012
71. Watanabe K, Wada K, Ohashi T, Okubo S, Takekuma K, Hashizume R, Hayashi J, Serikawa T, Kuramoto T, Kikkawa Y. A 5-bp insertion in Mip causes recessive congenital cataract in KFRS4/Kyo rats. *PLoS One* 7(11):e50737, 2012
72. Yamadori T, Ishii Y, Homma S, Morishima Y, Kurishima K, Itoh K, Yamamoto M, Minami Y, Noguchi M, Hizawa N. Molecular mechanisms for the regulation of Nrf2-mediated cell proliferation in non-small-cell lung cancers. *Oncogene* 31(45):4768-4777, 2012
73. Yamagata K, Nakai S, Iseki K, Tsubakihara Y, Committee of Renal Data Registry of the Japanese Society for Dialysis T. Late dialysis start did not affect long-term outcome in Japanese dialysis patients: long-term prognosis from Japanese Society for [corrected] Dialysis Therapy Registry. *Ther Apher Dial* 16(2):111-120, 2012
74. Yamagata K, Nakai S, Masakane I, Hanafusa N, Iseki K, Tsubakihara Y, Committee of Renal Data Registry of the Japanese Society for Dialysis Therapy. Ideal timing and predialysis nephrology care duration for dialysis initiation: from analysis of Japanese dialysis initiation survey. *Ther Apher Dial* 16(1):54-62, 2012
75. Yamagata K, Usui J, Saito C, Yamaguchi N, Hirayama K, Mase K, Kobayashi M, Koyama A, Sugiyama H, Nitta K, Wada T, Muso E, Arimura Y, Makino H, Matsuo S. ANCA-associated systemic vasculitis in Japan: clinical features and prognostic changes. *Clin Exp Nephrol* 16(4):580-588, 2012
76. Yamagata K, Usui J, Sugiyama H, Nitta K, Wada T, Muso E, Arimura Y, Koyama A, Makino H, Matsuo S. Clinical findings on ANCA-associated renal vasculitis from the Japan RPGN registry obtained via a questionnaire survey. *Clin Exp Nephrol* 2012 Dec 14. [Eupab ahead of print]
77. Yamagishi K, Sato S, Kitamura A, Kiyama M, Okada T, Tanigawa T, Ohira T, Imano H, Kondo M, Okubo I, Ishikawa Y, Shimamoto T, Iso H, Investigators C. Cost-effectiveness and budget impact analyses of a long-term hypertension detection and control program for stroke prevention. *J Hypertens* 30(9):1874-1879, 2012
78. Yamaguchi J, Nishiyama S, Shimanuki M, Ono T, Sato A, Nakada K, Hayashi J, Yonekawa H, Shitara H. Comprehensive application of an mtDsRed2-Tg mouse strain for mitochondrial imaging. *Transgenic Res* 21(2):439-447, 2012

79. Yano Y, Fujimoto S, Sato Y, Konta T, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Association between prehypertension and chronic kidney disease in the Japanese general population. *Kidney Int* 81(3):293-299, 2012
80. Yano Y, Sato Y, Fujimoto S, Konta T, Iseki K, Moriyama T, Yamagata K, Tsuruya K, Yoshida H, Asahi K, Kurahashi I, Ohashi Y, Watanabe T. Association of high pulse pressure with proteinuria in subjects with diabetes, prediabetes, or normal glucose tolerance in a large Japanese general population sample. *Diabetes Care* 35(6):1310-1315, 2012
81. Yoh K, Morito N, Ojima M, Shibuya K, Yamashita Y, Morishima Y, Ishii Y, Kusakabe M, Nishikii H, Fujita A, Matsunaga E, Okamura M, Hamada M, Suto A, Nakajima H, Shibuya A, Yamagata K, Takahashi S. Overexpression of ROR γ t under control of the CD2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. *Eur J Immunol* 42(8):1999-2009, 2012
82. Yokoyama H, Sugiyama H, Sato H, Taguchi T, Nagata M, Matsuo S, Makino H, Watanabe T, Saito T, Kiyohara Y, Nishi S, Iida H, Morozumi K, Fukatsu A, Sasaki T, Tsuruya K, Kohda Y, Higuchi M, Kiyomoto H, Goto S, Hattori M, Hataya H, Kagami S, Yoshikawa N, Fukasawa Y, Ueda Y, Kitamura H, Shimizu A, Oka K, Nakagawa N, Ito T, Uchida S, Furuichi K, Nakaya I, Umemura S, Hiromura K, Yoshimura M, Hirawa N, Shigematsu T, Fukagawa M, Hiramatsu M, Terada Y, Uemura O, Kawata T, Matsunaga A, Kuroki A, Mori Y, Mitsuiki K, Yoshida H. Renal disease in the elderly and the very elderly Japanese: analysis of the Japan Renal Biopsy Registry (J-RBR). *Clin Exp Nephrol* 16(6):903-920, 2012
83. Yoshimatsu S, Hossain MI, Islam MM, Chisti MJ, Okada M, Kamoda T, Fukushima T, Wagatsuma Y, Sumazaki R, Ahmed T. Hypophosphatemia among severely malnourished children with sepsis in Bangladesh. *Pediatr Int* doi: 10.1111/j.1442-200X.2012.03724.x., 2012
84. Yoshino T, Kawai K, Miyazaki J, Kimura T, Ikeda A, Takaoka E, Suetomi T, Oikawa T, Kojima T, Iwasaki H, Shimano H, Nishiyama H. A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. *Jpn J Clin Oncol* 42(8):764-766, 2012

b) 英文以外の論文

1. 阿野哲士, 檜澤伸之. 【自己管理および在宅医療のための機器と治療法の発展】 気管支拡張薬およびステロイド薬の定量吸入器. 成人病と生活習慣病 42(4):386-391, 2012
2. 臼井丈一. 【リウマチ性疾患の腎病変-診断と治療の最前線-】 腎機能障害の診断とピットフォール. リウマチ科 47(5):453-461, 2012
3. 臼井丈一, 丹野瑞木, 上原理恵, 三瓶かおり, 丸山清稔, 宮脇治男, 新井次郎, 小島和夫, 山縣邦弘. 新しい抗GBM抗体測定試薬ステイシアMEBLuxテストGBMの基礎的検討. 医学と薬学 68(4):697-704, 2012
4. 臼井丈一, 山縣邦弘. 【知っておきたい内科症候群】急速進行性腎炎症候群. 内科増大 109(6): 1399-1401, 2012
5. 臼井丈一, 山縣邦弘. 腎疾患アプローチのための解剖生理. 薬局増刊号 63(4):972-975, 2012

6. 臼井丈一, 山縣邦弘. 【腎疾患治療マニュアル2012-13】半月体形成性糸球体腎炎. 腎と透析増刊号 72: 258-261, 2012
7. 甲斐平康, 斎藤知栄, 山縣邦弘. 【連携してみる腎疾患】栄養ケアステーション導入の試み 腎疾患重症化予防のための戦略研究(FROM-J)の活動から. *Medicina* 49(12): 1880-1883, 2012
8. 金谷穰, 鍋倉宰, 渋谷和子, 渋谷彰. Immune Regulation in Hematological Malignancies 急性GVHD発症における活性化免疫受容体DNAM-1の重要な役割. *臨床血液* 53(5):497-503, 2012
9. 川口未央, 太田恭子, 藤田純一, 檜澤伸之. 【アレルギーに対するサイトカイン】IL-17. アレルギー・免疫 19(12):1892-1898, 2012
10. 川口未央, 太田恭子, 藤田純一, 檜澤伸之. 【難治性喘息研究の新展開】サイトカインからみた難治性喘息. *呼吸器内科* 21(1):48-53, 2012
11. 近藤正英. 【医学教育と公衆衛生学】イギリスにおけるPublic health教育. *医学教育* 43(3):177-180, 2012
12. 近藤正英. ヘルスサービスリサーチ ヘルスサービス提供計画の分析ツール SWOT分析とGunnの完全実施の条件. *日本公衆衛生雑誌* 59(6):415-417, 2012
13. 坂本透, 檜澤伸之. 【知っておきたい内科症候群】呼吸器《肺の脈管循環異常に伴う疾患》黄色爪症候群. *内科* 109(6):1176-1177, 2012
14. 坂本透, 檜澤伸之. 【内科医のための気管支喘息とCOPD診療】気管支喘息,COPD安定期の治療 COPDと喘息 オーバーラップ症候群の治療はどうするべきか. *Medicina* 49(3):474-476, 2012
15. 渋谷彰, 金丸和正. 【ウイルス感染と免疫・アレルギー】アレルギーと抑制性免疫グロブリン様受容体. *アレルギーの臨床* 32(12):1111-1116, 2012
16. 田原聡子, 渋谷彰. 【アレルギー治療標的としてのシグナル受容体】アレルギー反応を抑制する新しい受容体, Allergin-1. *臨床免疫・アレルギー科* 58(2):197-203, 2012
17. 中田和人, 林純一. ミトコンドリア病—up to date 総論と基礎知識. *臨床神経科学 Clinical Neuroscience* 30(9): 992-996, 2012
18. 沼田岳士, 児玉孝秀, 山田英恵, 佐藤信也, 小川良子, 本間晋介, 栗島浩一, 坂本透, 酒井光昭, 佐藤幸夫, 南優子, 檜澤伸之. 縦隔リンパ節腫脹から気管内浸潤と心嚢水貯留をきたした肺クリプトコッカス症の1例. *気管支学* 34(5):456-461, 2012
19. 檜澤伸之. 巻頭言 喘息の多様性を考える. *呼吸と循環* 60(5):455, 2012
20. 檜澤伸之. 【気管支喘息-最近の進歩と展望-】喘息発症における環境および遺伝因子の役割. *最新医学* 67(6):1281-1285, 2012
21. 檜澤伸之. 【気管支喘息・実地診療の最前線】トピックス 喘息の遺伝子解析. *Medical Practice* 29(4):635-636, 2012
22. 檜澤伸之. 【呼吸器疾患におけるトランスレーショナルリサーチ】気管支喘息. *呼吸器内科* 21(6):496-501, 2012
23. 檜澤伸之. 【最近10年で最も進歩した研究分野を検証する】難治性喘息、COPDにおけるphenotype. *呼吸* 31(9):832-834, 2012
24. 檜澤伸之. 【COPDの最新の話】遺伝的背景から見た病態. *呼吸と循環* 60(10):1015-1019, 2012

25. 藤田純一, 川口未央, 太田恭子, 小川良子, 本間晋介, 島浩一, 森島祐子, 石井幸雄, 坂本透, 佐藤浩昭, 大塚盛男, 岸厚次, 中村博幸, 大石修司, 檜澤伸之. 茨城県における喘息診療の実態調査. 専門医・非専門医間の比較. アレルギー・免疫 19(6):960-967, 2012
26. 森島祐子, 檜澤伸之. わかりやすい分子呼吸器病学—気道炎症と好中球—. Respiratory Trends 2(1):12-15, 2012
27. 山縣邦弘. 【CKD診療ガイド2012ガイドブック】CKD患者を専門医に紹介するタイミング—腎臓専門医との連携. 医学のあゆみ 243(9): 777-782, 2012
28. 山縣邦弘. 腎機能の悪化予防をめざした治療法と医療連携. 西宮市医師会医学雑誌 17:27-30, 2012
29. 山縣邦弘, 臼井丈一. 【病気と薬パーフェクトBOOK2012】. ネフローゼ症候群. 薬局増刊号 63(4): 984-991, 2012
30. 山縣邦弘, 斎藤知栄. 特集「慢性腎臓病:最近の進歩」:疫学. 日本内科学会雑誌 101(5):1243-1252, 2012
31. 山岸良匡, 大久保一郎, 佐藤眞一, 北村明彦, 木山昌彦, 岡田武夫, 谷川武, 大平哲也, 今野弘規, 近藤正英, 石川善紀, 嶋本喬, 磯博康. 長期的な脳卒中予防対策に関する費用効果分析 自治体の視点から見た分析. 日本循環器病予防学会誌 47(3):223-230, 2012
32. 山田英恵, 小川良子, 清水圭, 沼田岳士, 佐藤信也, 本間晋介, 栗島浩一, 南優子, 坂本透, 檜澤伸之. 両側多発肺結節および気管支内腔に多発ポリープを呈したシェーグレン症候群合併悪性リンパ腫の1例. 気管支学 34(1):64-70, 2012
33. 山本駿, 高橋秀人, 和田一郎, 宇田晃仁, 馬恩博. 学級閉鎖の有効性に関する研究—新型インフルエンザ流行時の小学校におけるクラス内欠席者割合と実施日数より予測される学級閉鎖後の欠席割合—. 厚生指標 59(7):9-17, 2012
34. 吉澤裕世, 横山典子, 金正訓, 菅洋子, 久野譜也. 都市圏規模の大小及び通勤手段の相違が保健指導に参加した勤労者の身体活動量に及ぼす影響. 体力科学 61(4):383-392, 2012

d)英文以外の著書

1. 岩崎仁, 島野仁. 糖尿病患者の高中性脂肪血症をどう治療したらよいでしょうか?;"循環器医から寄せられる『糖尿病と血管合併症に関する100の質問』" (監修 小室一成, 編集 山岸昌一), メディカルレビュー社 (大阪) 2012; pp202-203
2. 臼井丈一, 山縣邦弘. 第2章. 腎疾患治療のエビデンス各論. ANCA関連腎炎、副腎皮質ステロイド薬;"腎疾患治療のエビデンス (第二版)" (編集 小林正貴他), 文光堂 (東京) 2012; pp74-76
3. 臼井丈一, 山縣邦弘. 第13章. 腎・泌尿器系疾患の医療ニーズ 第2節急速進行性糸球体腎炎;"希少疾患/難病の診断・治療と製品開発 (初版)" (編集 安保公介他), 技術情報協会 (東京) 2012; pp1235-1239
4. 大崎芳典, 島野仁. 第16章. 疾患各論(脂質代謝異常); "実地医家のための臨床検査のすすめかた・評価のしかた" (Medical Practice編集委員会), 文光堂 (東京) 2012; pp227-238

5. 島野仁. 第6章. エネルギーの栄養生化学, 第7章. 酵素の栄養生化学; "栄養生化学(新体系看護学全書 人体の構造と機能②) (第3版)" (編集 脊山洋右, 山田信博, 松島照彦), メヂカルフレンド社 (東京) 2012; pp121-145
6. 島野仁. 第10章. 糖尿病大血管障害; "内分泌代謝専門医ガイドブック (改訂第3版)" (編集 成瀬光栄, 平田結喜緒, 島津章), 診断と治療社 (東京) 2012; pp347-351
7. 島野仁. 第Ⅶ章. 糖尿病治療薬の臨床現状と今後の治療薬に期待すること; "実践治療薬" (編集 日本薬理学会), 金芳堂 (京都) 2012; pp225-232
8. 島野仁. 第10章. メタボリックシンドローム; "病気と薬パーフェクトBOOK 2012 (薬局増刊号)", 南山堂 (東京) 2012; pp645-651
9. 島野仁. Ⅲ章1～4. 療養指導各論(Ⅲ章1～4、1診断と治療に関する知識、2食事療法、3運動療法、4薬物療法); "日本糖尿病療養指導士受験ガイドブック 2012" (編集 日本糖尿病療養指導士認定機構), メディカルレビュー社 (大阪) 2012; pp27-58
10. 竹永啓三, 林純一. 第1章. エネルギー代謝 6ミトコンドリアにおける活性酸素種の生成とがんの代謝 実験医学増刊がんと代謝; "実験医学増刊" (編集 曾我朋義, 江角浩安), 羊土社 (東京) 2012; pp54-60
11. 山縣邦弘, 臼井丈一. 第2章. 病態がわかる, 栄養療法がわかる. ネフローゼ症候群; "ビジュアル栄養療法 (初版)" (編集 丸山千寿子他), 南江堂 (東京) 2012; pp130-137
12. 山縣邦弘, 臼井丈一. 第2章. 病態がわかる, 栄養療法がわかる. 腎不全; "ビジュアル栄養療法 (初版)" (編集 丸山千寿子他), 南江堂 (東京) 2012; pp138-146

心臓血管

a) 英文論文

1. Aihara H, Sato A, Takeyasu N, Nishina H, Hoshi T, Akiyama D, Kakefuda Y, Watabe H, Aonuma K, Investigators IR. Effect of individual proton pump inhibitors on cardiovascular events in patients treated with clopidogrel following coronary stenting: results from the Ibaraki Cardiac Assessment Study Registry. *Catheter Cardiovasc Interv* 80(4):556-563, 2012
2. D'Ascenzo F, Corleto A, Biondi-Zoccai G, Anselmino M, Ferraris F, di Biase L, Natale A, Hunter RJ, Schilling RJ, Miyazaki S, Tada H, Aonuma K, Yenn-Jiang L, Tao H, Ma C, Packer D, Hammill S, Gaita F. Which are the most reliable predictors of recurrence of atrial fibrillation after transcatheter ablation?: a meta-analysis. *Int J Cardiol* 2012
3. Doki K, Homma M, Kuga K, Aonuma K, Kohda Y. CYP2D6 genotype affects age-related decline in flecainide clearance: a population pharmacokinetic analysis. *Pharmacogenet Genomics* 22(11):777-783, 2012
4. Fine NM, Shah AA, Han IY, Yu Y, Hsiao JF, Koshino Y, Saleh HK, Miller FA, Jr., Oh JK, Pellikka PA, Villarraga HR. Left and right ventricular strain and strain rate measurement in normal adults using velocity vector imaging: an assessment of reference values and intersystem agreement. *Int J Cardiovasc Imaging* doi: 10.1007/s10554-012-0120-7., 2012
5. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
6. Hikita H, Kuroda S, Kawaguchi N, Nakashima E, Fujinami T, Sugiyama T, Kamiishi T, Takahashi Y, Nozato T, Kuwahara T, Satoh A, Takahashi A, Isobe M. Differential characteristics of inflammatory responses to stent implantation between de novo and intrastent restenosis lesion in patients with stable angina. *Angiology* 63(2):92-95, 2012
7. Hoshi T, Sato A, Hiraya D, Kimura T, Wang Z, Aonuma K. Multimodality intracoronary imaging in spontaneous coronary artery dissection: impacts of intravascular ultrasound, optical coherence tomography, and coronary angiography. *Catheter Cardiovasc Interv* doi: 10.1002/ccd.24563., 2012
8. Hoshi T, Sato A, Nishina H, Kakefuda Y, Wang Z, Noguchi Y, Aonuma K. Acute hemodynamic effects of landiolol, an ultra-short-acting beta-blocker, in patients with acute coronary syndrome: preliminary study. *J Cardiol* 60(4):252-256, 2012
9. Hsiao JF, Koshino Y, Bonnichsen CR, Yu Y, Miller FA, Jr., Pellikka PA, Cooper LT, Jr., Villarraga HR. Speckle tracking echocardiography in acute myocarditis. *Int J Cardiovasc Imaging* doi: 10.1007/s10554-012-0085-6., 2012
10. Igarashi M, Tada H, Kurosaki K, Yamasaki H, Akiyama D, Sekiguchi Y, Kuroki K, Machino T, Murakoshi N, Nakata Y, Kuga K, Nogami A, Aonuma K. Electrocardiographic determinants of the polymorphic QRS morphology in idiopathic right ventricular outflow tract tachycardia. *J Cardiovasc Electrophysiol* 23(5):521-526, 2012

11. Igarashi M, Tada H, Sekiguchi Y, Aonuma K. Successful radiofrequency catheter ablation of common atrial flutter at the bottom of a coronary sinus diverticulum. *Heart Vessels* 27(6):643-647, 2012
12. Iida N, Seo Y, Ishizu T, Nakajima H, Atsumi A, Yamamoto M, Machino-Ohtsuka T, Kawamura R, Enomoto M, Kawakami Y, Aonuma K. Transmural compensation of myocardial deformation to preserve left ventricular ejection performance in chronic aortic regurgitation. *J Am Soc Echocardiogr* 25(6):620-628, 2012
13. Ikeda A, Matsushita S, Sakakibara Y. Inhibition of protein kinase C beta ameliorates impaired angiogenesis in type I diabetic mice complicating myocardial infarction. *Circ J* 76(4):943-949, 2012
14. Ikeda A, Sato F, Tokunaga C, Enomoto Y, Kanemoto S, Matsushita S, Hiramatsu Y, Sakakibara Y. Surgical repair for rupture of a chronic traumatic thoracic aneurysm 14 years after injury: report of a case. *Surg Today* 42(2):191-194, 2012
15. Ito H, Matsushita S, Ishikawa S, Goto Y, Sakai M, Onizuka M, Sato Y, Sakakibara Y. Significant correlation between endothelial nitric oxide synthase (eNOS) expression and alveolar repair in elastase-induced rat pulmonary emphysema. *Surg Today* doi: 10.1007/s00595-012-0293-7., 2012
16. Kakefuda Y, Sato A, Hoshi T, Ishizu T, Tada H, Satomi K, Morishita Y, Okoshi Y, Tokunaga C, Sakakibara Y, Aonuma K. Isolated cardiac involvement of B-cell acute lymphoblastic leukemia mimicking acute myocardial infarction with persistent broad ST-segment elevation. *Circulation* 125(22):e979-982, 2012
17. Kaneshiro T, Naruse Y, Nogami A, Tada H, Yoshida K, Sekiguchi Y, Murakoshi N, Kato Y, Horigome H, Kawamura M, Horie M, Aonuma K. Successful catheter ablation of bidirectional ventricular premature contractions triggering ventricular fibrillation in catecholaminergic polymorphic ventricular tachycardia with RyR2 mutation. *Circ Arrhythm Electrophysiol* 5(1):e14-17, 2012
18. Kato Y, Horigome H, Takahashi-Igari M, Sumitomo N, Aonuma K. Tachycardia associated with twin atrioventricular nodes in an infant with heterotaxy and interruption of inferior vena cava. *Pacing Clin Electrophysiol* 35(10):e302-305, 2012
19. Krum H, Lemke B, Birnie D, Lee KL, Aonuma K, Starling RC, Gasparini M, Gorcsan J, Rogers T, Sambelashvili A, Kalmes A, Martin D. A novel algorithm for individualized cardiac resynchronization therapy: rationale and design of the adaptive cardiac resynchronization therapy trial. *Am Heart J* 163(5):747-752 e741, 2012
20. Kuroki K, Tada H, Seo Y, Ishizu T, Igawa M, Yamasaki H, Igarashi M, Machino T, Naruse Y, Sekiguchi Y, Murakoshi N, Aonuma K. Prediction and mechanism of frequent ventricular premature contractions related to haemodynamic deterioration. *Eur J Heart Fail* 14(10):1112-1120, 2012
21. Kuwahara T, Takahashi A, Takahashi Y, Kobori A, Miyazaki S, Takei A, Fujii A, Kusa S, Yagishita A, Okubo K, Fujino T, Nozato T, Hikita H, Sato A, Aonuma K. Clinical characteristics

- of massive air embolism complicating left atrial ablation of atrial fibrillation: lessons from five cases. *Europace* 14(2):204-208, 2012
22. Machino T, Tada H, Sekiguchi Y, Yamasaki H, Kuroki K, Igarashi M, Naruse Y, Nakano E, Ito Y, Kaneshiro T, Yoshida K, Aonuma K. Prevalence and influence of hyperthyroidism on the long-term outcome of catheter ablation for drug-refractory atrial fibrillation. *Circ J* 76(11):2546-2551, 2012
 23. Martin DO, Lemke B, Birnie D, Krum H, Lee KL, Aonuma K, Gasparini M, Starling RC, Milasinovic G, Rogers T, Sambelashvili A, Gorcsan J 3rd, Houmsse M, Adaptive CRTSI. Investigation of a novel algorithm for synchronized left-ventricular pacing and ambulatory optimization of cardiac resynchronization therapy: results of the adaptive CRT trial. *Heart Rhythm* 9(11):1807-1814, 2012
 24. Matsuo T, Ohkawara K, Seino S, Shimojo N, Yamada S, Ohshima H, Tanaka K, Mukai C. An exercise protocol designed to control energy expenditure for long-term space missions. *Aviat Space Environ Med* 83(8):783-789, 2012
 25. Matsuo T, Ohkawara K, Seino S, Shimojo N, Yamada S, Ohshima H, Tanaka K, Mukai C. Cardiorespiratory fitness level correlates inversely with excess post-exercise oxygen consumption after aerobic-type interval training. *BMC Res Notes* 5:646, 2012
 26. Miyauchi Y, Sakai S, Maeda S, Shimojo N, Watanabe S, Honma S, Kuga K, Aonuma K, Miyauchi T. Increased plasma levels of big-endothelin-2 and big-endothelin-3 in patients with end-stage renal disease. *Life Sci* 91(13-14):729-732, 2012
 27. Miyazaki S, Kuwahara T, Kobori A, Takahashi Y, Takei A, Sato A, Isobe M, Takahashi A. Impact of adenosine-provoked acute dormant pulmonary vein conduction on recurrence of atrial fibrillation. *J Cardiovasc Electrophysiol* 23(3):256-260, 2012
 28. Morizumi S, Kato H, Kanemoto S, Noma M, Abe M, Sakakibara Y, Hiramatsu Y. Appropriate route selection for extracardiac total cavopulmonary connection in apicocaval juxtaposition. *Ann Thorac Surg* 94(1):179-184, 2012
 29. Nakano E, Harada T, Aonuma K, Soejima K, Wakimoto H, Matsumoto N, Miyake F. Identification of unusual reentry circuit sites of nonischemic ventricular outflow tract tachycardia. *J Cardiovasc Electrophysiol* 23(2):179-187, 2012
 30. Naruse Y, Sato A, Kakefuda Y, Hoshi T, Imai A, Tokunaga C, Sakakibara Y, Aonuma K. Anomalous origin of the right coronary artery from the left sinus of valsalva in an elderly man: life-threatening worsening of angina after left lung lobectomy. *Circulation* 125(24):e1021-1024, 2012
 31. Naruse Y, Tada H, Harimura Y, Hayashi M, Noguchi Y, Sato A, Yoshida K, Sekiguchi Y, Aonuma K. Early repolarization is an independent predictor of occurrences of ventricular fibrillation in the very early phase of acute myocardial infarction. *Circ Arrhythm Electrophysiol* 5(3):506-513, 2012
 32. Naruse Y, Tada H, Sato A, Yoshida K, Sekiguchi Y, Aonuma K, Harimura Y, Noguchi Y, Hayashi M. Response to letter regarding article, "early repolarization is an independent predictor of

- occurrences of ventricular fibrillation in the very early phase of acute myocardial infarctions". *Circ Arrhythm Electrophysiol* 5:e115, 2012
33. Naruse Y, Tada H, Satoh M, Yanagihara M, Tsuneoka H, Hirata Y, Machino T, Yamasaki H, Igarashi M, Kuroki K, Ito Y, Sekiguchi Y, Aonuma K. Radiofrequency catheter ablation of persistent atrial fibrillation decreases a sleep-disordered breathing parameter during a short follow-up period. *Circ J* 76(9):2096-2103, 2012
 34. Nogami Y, Ishizu T, Atsumi A, Yamamoto M, Kawamura R, Seo Y, Aonuma K. Abnormal early diastolic intraventricular flow 'kinetic energy index' assessed by vector flow mapping in patients with elevated filling pressure. *Eur Heart J Cardiovasc Imaging* doi: 10.1093/ehjci/jes149., 2012
 35. 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, Hibi K, Terashima M, Michishita I, Investigators T. Impacts of conventional coronary risk factors, diabetes and hypertension, on coronary atherosclerosis during statin therapy: subanalysis of the TRUTH study. *Coron Artery Dis* 23(4):239-244, 2012
 36. 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, Investigators T. Comparison of arterial remodeling and changes in plaque composition between patients with progression versus regression of coronary atherosclerosis during statin therapy (from the TRUTH study). *Am J Cardiol* 109(9):1247-1253, 2012
 37. 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, Investigators T. Impact of diabetes mellitus on coronary atherosclerosis and plaque composition under statin therapy - subanalysis of the TRUTH study. *Circ J* 76(9):2188-2196, 2012
 38. Nozue T, Yamamoto S, Tohyama S, Umezawa S, Kunishima T, Sato A, Nozato T, Miyake S, Takeyama Y, Morino Y, Yamauchi T, Muramatsu T, Hibi K, Sozu T, Terashima M, Michishita I. Statin treatment for coronary artery plaque composition based on intravascular ultrasound radiofrequency data analysis. *Am Heart J* 163(2):191-199 e191, 2012
 39. Saida T, Mori K, Sato F, Shindo M, Takahashi H, Takahashi N, Sakakibara Y, Minami M. Prospective intraindividual comparison of unenhanced magnetic resonance imaging vs contrast-enhanced computed tomography for the planning of endovascular abdominal aortic aneurysm repair. *J Vasc Surg* 55(3):679-687, 2012
 40. Sakai S, Kimura T, Wang Z, Shimojo N, Maruyama H, Homma S, Kuga K, Yamaguchi I, Aonuma K, Miyauchi T. Endothelin-1-induced cardiomyocyte hypertrophy is partly regulated by transcription factor II-F interacting C-terminal domain phosphatase of RNA polymerase II. *Life Sci* 91(13-14):572-577, 2012
 41. Sakamaki F, Seo Y, Ishizu T, Yanaka S, Atsumi A, Yamamoto M, Machino-Ohtsuka T, Kawamura R, Yamasaki H, Igarashi M, Yoshida K, Sekiguchi Y, Tada H, Aonuma K. Tissue Doppler imaging dyssynchrony parameter derived from the myocardial active wall motion

- improves prediction of responders for cardiac resynchronization therapy. *Circ J* 76(3):689-697, 2012
42. Sakasai Y, Thang BQ, Kanemoto S, Takahashi-Igari M, Togashi S, Kato H, Hiramatsu Y. Staged repair of pentalogy of Cantrell with ectopia cordis and ventricular septal defect. *J Card Surg* 27(3):390-392, 2012
 43. Sato A, Aonuma K. Clinical Value of Myocardial Contrast Delayed Enhancement With Multidetector Computed Tomography (Author Reply). *J Am Coll Cardiol* 60(6):563-564, 2012
 44. Sato A, Hiroe M, Akiyama D, Hikita H, Nozato T, Hoshi T, Kimura T, Wang Z, Sakai S, Imanaka-Yoshida K, Yoshida T, Aonuma K. Prognostic value of serum tenascin-C levels on long-term outcome after acute myocardial infarction. *J Card Fail* 18(6):480-486, 2012
 45. Sato A, Nozato T, Hikita H, Akiyama D, Nishina H, Hoshi T, Aihara H, Kakefuda Y, Watabe H, Hiroe M, Aonuma K. Prognostic value of myocardial contrast delayed enhancement with 64-slice multidetector computed tomography after acute myocardial infarction. *J Am Coll Cardiol* 59(8):730-738, 2012
 46. Sato Y, Yoshida K, Ogata K, Inaba T, Tada H, Sekiguchi Y, Ito Y, Ishizu T, Seo Y, Yamaguchi I, Kandori A, Aonuma K. An increase in right atrial magnetic strength is a novel predictor of recurrence of atrial fibrillation after radiofrequency catheter ablation. *Circ J* 76(7):1601-1608, 2012
 47. Sugano A, Seo Y, Atsumi A, Yamamoto M, Machino-Ohtuska T, Kawamura R, Nakajima H, Ishizu T, Aonuma K. Three-dimensional echocardiography in the diagnosis of pacemaker lead perforation. *Journal of Echocardiography* 10:141-142, 2012
 48. Suzuki M, Hada Y, Akaishi M, Hiroe M, Aonuma K, Tsubakihara Y, Akizawa T. Effects of anemia correction by erythropoiesis-stimulating agents on cardiovascular function in non-dialysis patients with chronic kidney disease. *Int Heart J* 53(4):238-243, 2012
 49. Tajiri K, Imanaka-Yoshida K, Matsubara A, Tsujimura Y, Hiroe M, Naka T, Shimojo N, Sakai S, Aonuma K, Yasutomi Y. Suppressor of cytokine signaling 1 DNA administration inhibits inflammatory and pathogenic responses in autoimmune myocarditis. *J Immunol* 189(4):2043-2053, 2012
 50. Takagi M, Aonuma K, Sekiguchi Y, Yokoyama Y, Aihara N, Hiraoka M, Japan Idiopathic Ventricular Fibrillation Study I. The prognostic value of early repolarization (J wave) and ST-segment morphology after J wave in Brugada syndrome: multicenter study in Japan. *Heart Rhythm* doi: 10.1016/j.hrthm.2012.12.023., 2012
 51. Tokunaga C, Enomoto Y, Sato F, Kanemoto S, Matsushita S, Hiramatsu Y, Aonuma K, Sakakibara Y. Surgical removal of infected pacemaker leads without cardiopulmonary bypass after failed extraction using the Excimer Laser Sheath Extraction System. *J Artif Organs* 15(1):94-98, 2012
 52. Tsuneoka H, Koike A, Nagayama O, Sakurada K, Kato J, Sato A, Yamashita T, Aonuma K. Prognostic value of cardiopulmonary exercise testing in cardiac patients with atrial fibrillation. *Int Heart J* 53(2):102-107, 2012

53. Watabe H, Sato A, Akiyama D, Kakefuda Y, Adachi T, Ojima E, Hoshi T, Murakoshi N, Ishizu T, Seo Y, Aonuma K. Impact of coronary plaque composition on cardiac troponin elevation after percutaneous coronary intervention in stable angina pectoris: a computed tomography analysis. *J Am Coll Cardiol* 59(21):1881-1888, 2012
54. Watabe H, Sato A, Aonuma K. Multidetector Computed Tomography for Detecting Lesions That Are at High Risk for Myocardial Necrosis After Percutaneous Coronary Intervention (Author Reply). *J Am Coll Cardiol* 60(11):1030, 2012
55. Watabe H, Sato A, Hoshi T, Obara K, Kawamura R, Aonuma K. Dislodged and mechanically distorted stent stuck within a previously implanted drug-eluting stent. *Heart Vessels* doi: 10.1007/s00380-012-0290-1., 2012
56. Watanabe H, Kawarazaki M, Yoshida K, Sato A. Development of wearable heart disease monitoring and alerting system associated with smartphone. *Proceeding of 14th IEEE Healthcom* 292-297, 2012
57. Xu DZ, Murakoshi N, Igarashi M, Hirayama A, Ito Y, Seo Y, Tada H, Aonuma K. PPAR- γ activator pioglitazone prevents age-related atrial fibrillation susceptibility by improving antioxidant capacity and reducing apoptosis in a rat model. *J Cardiovasc Electrophysiol* 23(2):209-217, 2012
58. Yoshida K, Tada H, Ogata K, Sekiguchi Y, Inaba T, Ito Y, Sato Y, Sato A, Seo Y, Kandori A, Aonuma K. Electrogram organization predicts left atrial reverse remodeling after the restoration of sinus rhythm by catheter ablation in patients with persistent atrial fibrillation. *Heart Rhythm* 9(11):1769-1778, 2012

b)英文以外の論文

1. 安達亨, 関口幸夫, 黒木健志, 金城貴士, 油井慶晃, 中野恵美, 井藤葉子, 町野毅, 山崎浩, 五十嵐都, 吉田健太郎, 埴田浩, 久賀圭祐, 青沼和隆. 術式不詳の開心術後の心房粗動に対して詳細なマッピングにより回路を同定し得た1例. *心臓* 44(Suppl.3):190-196, 2012
2. 金城貴士, 埴田浩, 成瀬代士久, 吉田健太郎, 中野恵美, 町野毅, 黒木健志, 井藤葉子, 山崎浩, 五十嵐都, 梶田房紀, 関口幸夫, 久賀圭祐, 青沼和隆, 野上昭彦. 心室細動のトリガーとなる心室性期外収縮に対するカテーテル焼灼術が著効したカテコラミン誘発性多形性心室頻拍の1症例. *臨床心臓電気生理* 35:231-240, 2012
3. 梶田房紀, 埴田浩, 関口幸夫, 黒木健志, 山崎浩, 油井慶晃, 中野恵美, 井藤葉子, 五十嵐都, 金城貴士, 吉田健太郎, 青沼和隆. 心室細動を惹起する肺動脈起源心室性期外収縮に対する焼灼術が著効した特発性心室細動の1例. *心臓* 44(Suppl.2):30-35, 2012
4. 佐々木啓太, 松下昌之助, 佐藤藤夫, 徳永千穂, 兵藤一行, 榊原謙. 心臓交感神経指標を用いた寒冷負荷による糖尿病心筋虚血リスクの評価. *脈管学* 52:295-301, 2012
5. 庄司正昭, 横山泰廣, 吉田善紀, 関川雅裕, 伊藤順子, 加藤隆一, 桜井馨, 小川亨, 足利貴志, 佐藤康弘, 小野裕一, 蜂谷仁, 平尾見三, 小西裕二, 山内康熙, 青沼和隆. Termination

without Capture部位からScar Border Zoneへの線状焼灼が有効であったIschemic VTの1例. 臨床心臓電気生理 35:251-259, 2012

6. 杉森治彦, 平松祐司, 榊原謙. 魅力ある国際医学教育システム構築への取り組み-ベトナム・ホーチミン市チョーライ病院との連携. 日本外科学会雑誌 113:252-256, 2012
7. 田尾進, 山内康熙, 岡田寛之, 前田真吾, 鈴木雅仁, 原信博, 川崎まり子, 小西裕二, 鍵山暢之, 服部英二郎, 宮本貴庸, 尾林徹, 吉崎彰, 青沼和隆. 左房前壁のLocalized Reentryを頻拍機序とした非通常型心房粗動の3例. 臨床心臓電気生理 35:1-9, 2012
8. 高木雅彦, 関口幸夫, 横山泰廣, 相原直彦, 青沼和隆, 平岡昌和, 特発性心室細動研究会事務局. Brugada 症候群症例の臨床経過と心事故予測因子について. 心電図 32(Suppl.1):S-1-5-S-1-10, 2012
9. 中川和也, 浅川哲也, 松村国佳, 望田哲司, 山内康熙, 青沼和隆. 12誘導心電図では右室流出路起源が推定されたが、大動脈左冠尖からの通電にて根治した心室性期外収縮の2症例. 心臓 44(Suppl.3):140-147, 2012
10. 古垣達也, 平松祐司, 茂木芳賢, 鳥羽清志郎, 川上康, 榊原謙. 人工肺流入部圧力上昇のため人工心肺運転中に全回路交換を余儀なくされた3症例の検討. 体外循環技術 39(1):65-69, 2012
11. 前田真吾, 山内康熙, 岡田寛之, 田尾進, 関口幸夫, 横山泰廣, 青沼和隆, 平尾見三. 心室中隔基部の菲薄化領域に必須緩徐伝導路を有し、VT termination without global captureの所見を認めた心サルコイドーシスの1例. 心電図 32(4):346-354, 2012
12. 村越伸行, 常岡秀和, 山岸良匡, 横山泰廣, 許東洙, 五十嵐都, 山崎浩, 井藤葉子, 北村明彦, 岡田武夫, 大平哲也, 谷川武, 関口幸夫, 多田浩, 高木雅彦, 磯博康, 青沼和隆. Brugada症候群の長期予後調査研究班. 厚生労働科学技術研究難治性疾患克服事業 心電図検診による長期にわたる疫学調査 一般住民検診におけるBrugada型心電図の長期予後調査. 心電図 32(Suppl.1):S-1-107-S-101-111, 2012
13. 山本昌良, 石津智子, 吉田健太郎, 瀬尾由広, 山口哲人, 中馬越清隆, 玉岡晃, 青沼和隆. 新型インフルエンザ心筋炎に多発筋炎を併発した1例. 心臓 44(6):707-714, 2012
14. 横山泰廣, 関口幸夫, 高木雅彦, 相原直彦, 青沼和隆, 平岡昌和, 特発性心室細動研究会事務局. J-IVFS 登録 Brugada 症候群症例におけるストームの検討. 心電図 32(Suppl.1):S-1-11-S-11-15, 2012

d) 英文以外の著書

1. 榎本真美, 石津智子. 第11章. その他 Step 93, 94.; "肺塞栓症 心エコー診断100ステップ (第1版)" (編集 増山理), 中外医学社 (東京) 2012; pp218-223
2. 黒木健志, 青沼和隆. 第8章. 心電図による心室頻拍の起源診断; "月刊循環器Circulation (2巻6号)" 医学出版 (東京) 2012; pp64-72
3. 榊原謙. 心臓腫瘍; "心臓血管外科テキスト (改訂第2版)" (編集 龍野勝彦, 重松宏, 幕内晴朗, 四津良平, 安達秀雄), 中外医薬社 (東京) 2012; pp591-595

4. 佐藤明, 青沼和隆. 5. 侵襲的診断法(心臓カテーテル検査など); "腎障害患者におけるヨード造影剤使用に関するガイドライン2012 (第1版)" (共同編集 日本腎臓学会・日本医学放射線学会・日本循環器学会), 東京医学社 (東京) 2012; pp33-41
5. 瀬尾由広, 青沼和隆. CRTの効果予測; "Annual Review 循環器2012" 中外医学社 (東京) 2012; pp130-136
6. 徳永千穂, 逆井佳永, 榊原謙. Part-2. 薬剤別一相互作用 強心剤; "「臨床栄養」別冊 JCNセレクト7 薬物-飲食物相互作用 的確な栄養療法のために (第1版)" (責任編集者 雨海照祥), 医歯薬出版会社 (東京) 2012; pp55-58
7. 平松祐司. 第4章, 9. 心疾患領域における次世代医療機器の開発動向・実用化の手ごたえと使わなくなるであろう薬剤・製品・治療法; "先端医療 (初版)", 技術情報協会 (東京) 2012; pp501-515
8. 山崎浩, 青沼和隆. カテーテルアブレーション; "循環器疾患最新の治療" (編集 堀正二, 永井良三), 南光堂 (東京) 2012; pp362-364
9. 山崎浩, 青沼和隆. 心室頻拍・心室細動に対するICD植込みにカテーテルアブレーションをルーチンで加えるべきか?; "EBM循環器疾患の治療" (編集 小室一成, 横井宏佳, 山下武志, 楽木宏実), 中外医科社 (東京) 2012; pp335-338
10. 山崎浩, 青沼和隆. 生命予後を改善するCRT-D; "最新医学(67巻7号)" 最新医学社(東京) 2012; pp70-76
11. 吉田健太郎, 青沼和隆. 心房細動の起源; "不整脈学" (編集 井上博, 村川裕二), 南江堂 (東京) 2012; pp356-359
12. 吉田健太郎, 青沼和隆. 不整脈; "診療ガイドラインUP-TO-DATE" (編集 門脇孝, 小室一成, 宮地良樹), メディカルレビュー社 (東京) 2012; pp205-216

女性の健康と母性看護学に関連する研究

b) 英文以外の論文

1. 川野亜津子, 江守陽子. 出産後 3 ヶ月までの母親における心理状態の縦断的調査. 母性衛生 52(4):464-471, 2012
2. 三木明子, 村井文江, 小池秀子, 江守陽子. 実務経験 20 年以上の看護師におけるキャリア・アンカーとキャリア継続要因. 第 42 回日本看護学会論文集: 看護管理 42:138-140, 2012

聴覚障害発症機序の解明に関する検討

a) 英文論文

1. Fukumitsu N, Okumura T, Mizumoto M, Oshiro Y, Hashimoto T, Kanemoto A, Hashii H, Ohkawa A, Moritake T, Tsuboi K, Tabuchi K, Wada T, Hara A, Sakurai H. Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or recurrent nasal cavity and paranasal sinus carcinoma treated with proton beam. *Int J Radiat Oncol Biol Phys* 83(2):704-711, 2012
2. 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. *Acta Otolaryngol* 132(7):686-692, 2012
3. Tabuchi K, Yamamoto T, Akutsu H, Suzuki K, Hara A. Combined transmastoid/middle fossa approach for intracranial extension of middle ear cholesteatoma. *Neurol Med Chir (Tokyo)* 52(10):736-740, 2012

c) 英文著書

1. Nakayama M, Tabuchi K, Hara A. Chapter 4. Neck pain induced by deep neck infections; in "Neck pain caused, diagnosis management (1st edition)" (edited by Lombardi G), Nova Science (New York) 2012; pp45-56

d) 英文以外の著書

1. 和田哲郎, 廣瀬由紀, 田渕経司, 原晃. こんな患者をみたらどう考える？ 耳・鼻症状のある場合; "こんな感染症に注意！ (第 1 版)" (編集 吉田敦, 千原晋吾, 中山久仁子), メジカルビュー社 (東京) 2012; pp53-57
2. 和田哲郎, 廣瀬由紀, 田渕経司, 原晃. 疾患をどう診るか 中耳炎、鼻副鼻腔炎; "こんな感染症に注意！ (第1版)" (編集 吉田敦, 千原晋吾, 中山久仁子), メジカルビュー社 (東京) 2012; pp142-146

がん看護・緩和ケア

a) 英文論文

1. Hidaka K, Sato M. Factors associated with complications in patients in a persistent vegetative state. *Medicine and Biology* 156(3):96-103, 2012
2. Sato M. Course of bowel symptoms and defecation following low anterior resection for rectal cancer. *Medicine and Biology* 156(8):569-584, 2012

b) 英文以外の論文

1. 佐藤正美, 日高紀久江. 排便障害を生じる直腸がん前方切除術後患者への看護ケアに関する文献的研究. 日本看護科学会誌 32(2):64-71, 2012

d) 英文以外の著書

1. 笹原朋代. 1章8節. チームアプローチ, 3章1節. 精神症状概論, 3章2節. 不安の治療と看護, 3章3節. 抑うつの治療と看護, 3章5節. 事例; "ナーシンググラフィカ 成人看護学⑦ 緩和ケア (第1版)" (編集 宮下光令), メディカ出版 (大阪) 2012; pp38-41, 126-136, 140-1421
2. 佐藤正美. 第3章. 消化器疾患 23 クロウン病, 24 痔核; "疾患別看護過程 (第2版)" (編集 井上智子 佐藤千史), 医学書院 (東京) 2012; pp432-445, 450-458
3. 佐藤正美. 第7章. 生活行動の変更への支援, 健康危機状況; "成人看護学② (第2版)" (編集 安酸史子, 鈴木純恵, 吉田澄恵), メディカ出版 (大阪) 2012; pp106-120
4. 佐藤正美. 第5章2節. 排便行動の障害と看護, 栄養代謝機能障害; "健康の回復と看護② (第2版)" (編集 明石恵子), メディカ出版 (東京) 2012; pp180-188

レギュラトリーサイエンス

a) 英文論文

1. Ahmad N, Tsuru K, L. Munar M, Maruta M, Matsuya S, Ishikawa K. Effect of precursor's solubility on the mechanical property of hydroxyapatite formed by dissolution-precipitation reaction of tricalcium phosphate. *Dent Mater J* 31(6):995-1000, 2012
2. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
3. Cardoso MV, Chaudhari A, Yoshida Y, Van Meerbeek B, Naert I, Duyck J. Bone tissue response to implant surfaces functionalized with phosphate-containing polymers. *Clin Oral Implants Res* doi: 10.1111/clr.12053, 2012
4. Funayama T, Sakane M, Abe T, Hara I, Ozeki E, Ochiai N. Intraoperative Near-infrared Fluorescence Imaging with Novel Indocyanine Green-Loaded Nanocarrier for Spinal Metastasis: A Preliminary Animal Study. *Open Biomed Eng J* 6:80-84, 2012
5. Funayama T, Sakane M, Abe T, Ochiai N. Photodynamic therapy with indocyanine green injection and near-infrared light irradiation has phototoxic effects and delays paralysis in spinal metastasis. *Photomed Laser Surg* 30(1):47-53, 2012
6. Harimoto K, Yoshida Y, Yoshihara K, Nagaoka N, Matsumoto T, Tagawa Y. Osteoblast compatibility of materials depends on serum protein absorbability in osteogenesis. *Dent Mater J* 31(4):674-680, 2012
7. Hirata I, Yoshida Y, Nagaoka N, Hiasa K, Abe Y, Maekawa K, Kuboki T, Akagawa Y, Suzuki K, Meerbeek BV, Messersmith PB, Okazaki M. Real time assessment of surface interactions with a titanium passivation layer by surface plasmon resonance. *Acta Biomater* 8(3):1260-1266, 2012
8. Kawashita M, Taninai K, Li Z, Ishikawa K, Yoshida Y. Preparation of low-crystalline apatite nanoparticles and their coating onto quartz substrates. *J Mater Sci Mater Med* 23(6):1355-1362, 2012
9. Mine A, De Munck J, Cardoso MV, Van Landuyt KL, Poitevin A, Kuboki T, Yoshida Y, Suzuki K, Van Meerbeek B. Effect of low-shrinking composite on the bonding effectiveness of two adhesives in occlusal Class-I cavities. *Dent Mater J* 31(3):418-426, 2012
10. Mutsuzaki H, Ito A, Sogo Y, Sakane M, Oyane A, Ochiai N. Enhanced wound healing associated with Sharpey's fiber-like tissue formation around FGF-2-apatite composite layers on percutaneous titanium screws in rabbits. *Arch Orthop Trauma Surg* 132(1):113-121, 2012
11. Mutsuzaki H, Kanamori A, Ikeda K, Hioki S, Kinugasa T, Sakane M. Effect of calcium phosphate-hybridized tendon graft in anterior cruciate ligament reconstruction: a randomized controlled trial. *Am J Sports Med* 40(8):1772-1780, 2012
12. Mutsuzaki H, Sakane M, Nakajima H, Ochiai N. Calcium phosphate-hybridised tendon graft to reduce bone-tunnel enlargement after ACL reconstruction in goats. *Knee* 19(4):455-460, 2012
13. Oguri M, Yoshida Y, Yoshihara K, Miyauchi T, Nakamura Y, Shimoda S, Hanabusa M, Momoi Y,

- Van Meerbeek B. Effects of functional monomers and photo-initiators on the degree of conversion of a dental adhesive. *Acta Biomater* 8(5):1928-1934, 2012
14. Otsu A, Tsuru K, Maruta M, Munar ML, Matsuya S, Ishikawa K. Fabrication of microporous calcite block from calcium hydroxide compact under carbon dioxide atmosphere at high temperature. *Dent Mater J* 31(4):593-600, 2012
 15. Sakai A, Valanezahad A, Ozaki M, Ishikawa K, Matsuya S. Preparation of Sr-containing carbonate apatite as a bone substitute and its properties. *Dent Mater J* 31(2):197-205, 2012
 16. Sakane M, Mutsuzaki H, Nakajima H, Hattori S, Shirozu Y, Miyake Y, Ochiai N. Anterior cruciate ligament insertion after partial tear: histological changes and chondrocyte turnover. *Knee Surg Sports Traumatol Arthrosc* 20(1):102-108, 2012
 17. Shi X, Nakagawa M, Kawachi G, Xu L, Ishikawa K. Surface modification of titanium by hydrothermal treatment in Mg-containing solution and early osteoblast responses. *J Mater Sci Mater Med* 23(5):1281-1290, 2012
 18. Shibata S, Suge T, Kimura T, Ishikawa K, Matsuo T. Antibacterial activity of ammonium hexafluorosilicate solution with antimicrobial agents for the prevention of dentin caries. *Am J Dent* 25(1):31-34, 2012
 19. Suge T, Ishikawa K, Matsuo T. Changes in the crystallinity of hydroxyapatite powder and structure of enamel treated with several concentrations of ammonium hexafluorosilicate. *Am J Dent* 25(5):299-302, 2012
 20. Sunouchi K, Tsuru K, Maruta M, Kawachi G, Matsuya S, Terada Y, Ishikawa K. Fabrication of solid and hollow carbonate apatite microspheres as bone substitutes using calcite microspheres as a precursor. *Dent Mater J* 31(4):549-557, 2012
 21. Valanezahad A, Tsuru K, Maruta M, Kawachi G, Matsuya S, Ishikawa K. A new biocompatible coating layer applied on titanium substrates using a modified zinc phosphatizing method. *Surface and Coatings Technology* 206:2207-2212, 2012
 22. Yanagi K, Fukuda E, Jotatsu Y, Shikano M, Miyake S. Regulatory frameworks for cell therapy products in Japan. *J Artif Organs* 15(4):325-330, 2012
 23. Yonehiro J, Yamashita A, Yoshida Y, Yoshizawa S, Ohta K, Kamata N, Okihara T, Nishimura F. Establishment of an ex vivo pulpitis model by co-culturing immortalized dental pulp cells and macrophages. *Int Endod J* 45(12):1103-1108, 2012
 24. Yoshida Y, Inoue S. Chemical analyses in dental adhesive technology. *The Japanese Dental Science Review* 48:141-152, 2012
 25. Yoshida Y, Yoshihara K, Hayakawa S, Nagaoka N, Okihara T, Matsumoto T, Minagi S, Osaka A, Van Landuyt K, Van Meerbeek B. HEMA inhibits interfacial nano-layering of the functional monomer MDP. *J Dent Res* 91(11):1060-1065, 2012
 26. Yoshida Y, Yoshihara K, Nagaoka N, Hanabusa M, Matsumoto T, Momoi Y. X-ray diffraction analysis of three-dimensional self-reinforcing monomer and its chemical interaction with tooth and hydroxyapatite. *Dent Mater J* 31(4):697-702, 2012
 27. Yoshida Y, Yoshihara K, Nagaoka N, Hayakawa S, Torii Y, Ogawa T, Osaka A, Meerbeek BV.

Self-assembled Nano-layering at the Adhesive interface. *J Dent Res* 91(4):376-381, 2012

28. Yoshioka T, Kanamori A, Washio T, Aoto K, Uemura K, Sakane M, Ochiai N. The effects of plasma rich in growth factors (PRGF-Endoret) on healing of medial collateral ligament of the knee. *Knee Surg Sports Traumatol Arthrosc* 21(8):1763-1769, 2012

b) 英文以外の論文

1. 安部哲哉, 坂根正孝, 野澤大輔, 牧原武史, 日置繁. PELD 術後に増悪した腰椎椎間板ヘルニアの 3 例. *Journal of Spine Research* 3(8):1139-1143, 2012
2. 安部哲哉, 坂根正孝, 藤井賢吾, 船山徹, 渡辺新. 高齢者の椎体骨折に対するハイドロキシアパタイトブロックを用いた経皮的椎体形成術の手術成績. *臨床整形外科* 47(5):477-486, 2012
3. 井汲彰, 坂根正孝, 野口裕史, 船山徹, 渡辺新, 落合直之. 石灰化像を呈した胸椎部神経鞘腫の 1 例. *整形・災害外科* 55(4):427-430, 2012
4. 菅谷久, 三島初, 青戸克哉, 赤荻博, 坂根正孝, 落合直之. 濃縮自家骨髄血移植後 1 年以上経過した骨癒合不全 9 例の治療成績. *骨折* 34(2):417-420, 2012
5. 辰村正紀, 安部哲哉, 天野国明, 坂根正孝. スポーツ復帰のための腰椎手術療法 腰椎椎間板ヘルニアに対する経皮的内視鏡下髓核摘出術(PED)を施行したトップレベル運動選手の復帰. *日本整形外科スポーツ医学会雑誌* 32(3):226-232, 2012
6. 田中利和, 野内隆治, 小川健, 井汲彰, 坂根正孝, 落合直之. 橈骨遠位端骨折に対するハイドロキシアパタイト配孔連通多孔体<リジェノス>の使用経験. *関東整形災害外科学会雑誌* 43(1):1-5, 2012
7. 西野衆文, 坂根正孝, 今給黎直明, 林光俊. バレーボール選手に発症した下肢疲労骨折の特徴 某大学男女チームの受診調査から. *日本整形外科スポーツ医学会雑誌* 32(1):99-103, 2012
8. 長谷川隆司, 船山徹, 坂根正孝, 大西信三, 野口裕史, 落合直之. 手術加療を要する特発性側彎症を呈した一卵性双生児の 1 例. *整形・災害外科* 55(11):1479-1482, 2012
9. 藤江敬子, 安田貢, 橋本幸一, 中田由夫, 原田義則, 水谷太郎. 茨城県北部地区メディカルコントロール協議会における病院外心肺停止患者に対する救命活動と事後検証. *日本臨床救急医学会雑誌* 15(3):408-417, 2012
10. 柳健一. 新たに承認された血糖降下薬における承認審査期間と製造販売後調査計画の動向. *レギュレトリーサイエンス学会誌* 2(2):93-99, 2012

c) 英文著書

1. Nakamura M, Yoshida Y, Ito Y. Visible Light-Induced Crosslinkable Gelatin for Direct Pulp Capping; in "Key Engineering Materials", 2013; pp543-546
2. Van. Meerbeek B, Yoshida Y. Chapter 14. Grundlagen der Adhäsivtechnik; in "Karies – Wissenschaft und Klinische Praxis" (edited by Meyer-Lueckel H, Paris S, Ekstrand K), Georg Thieme Verlag (Stuttgart) 2012; pp232-248
3. Yoshida Y, Okihara T, Nakamura M, Matsumoto T. Chapter? Phosphorylated pullulan bioadhesive for regeneration and reconstruction of bone and tooth; in "Key Engineering Materials", 2013; pp516-521

d) 英文以外の著書

1. 吉田靖弘. 接着と合着を再考する—歯質接着のためのナノ界面分析—; "日本補綴歯科学会誌 4", 2012; pp353-363

心肺脳蘇生

a) 英文論文

1. Taguchi N, Nakayama S, Tanaka M. Fluoxetine has neuroprotective effects after cardiac arrest and cardiopulmonary resuscitation in mouse. *Resuscitation* 83(5):652-656, 2012
2. Verma S, Quillinan N, Yang YF, Nakayama S, Cheng J, Kelley MH, Herson PS. TRPM2 channel activation following in vitro ischemia contributes to male hippocampal cell death. *Neurosci Lett* 530(1):41-46, 2012

b) 英文以外の論文

1. 大坂佳子. 小児麻酔と神経ブロック 小児の硬膜外麻酔. 日本臨床麻酔学会誌 32(4):501-506, 2012
2. 恩田將史, 猪股伸一, 左津前剛, 田中誠. 研修医が喉頭展開を行う際の BURP 法の補助効果と上達に要する研修期間. 麻酔 61(4):444-447, 2012
3. 佐々木千裕, 安田貢, 萩谷圭一, 下條信威, 河野了, 鬼澤沙織, 中村泰大, 水谷太郎. 日本におけるフッ化水素酸化学熱傷報告の治療方法に関する文献的考察. 日本臨床救急医学会雑誌 15(4):479-484, 2012
4. 左津前剛, 田中誠. 経静脈モルヒネ自己調節鎮痛とジクロフェナク坐剤併用による脊椎手術後の鎮痛と回復. 日本臨床麻酔学会誌 32(4):541-547, 2012
5. 高橋伸二. 高齢者心臓血管麻酔の最近の話題. 臨床麻酔 36(4):627-632, 2012
6. 高橋伸二. 周術期の危険な不整脈診断のポイントと抗不整脈薬の上手な使い方(第 2 回) 臨床編 周術期によく遭遇する不整脈と抗不整脈薬の使い方 (3)頻脈 ①narrow QRS の頻脈. 日本臨床麻酔学会誌 32(4):590-596, 2012
7. 高橋伸二. 成人心臓麻酔の最近の話題. Cardiovascular Anesthesia 16(1):121-126, 2012
8. 高橋宏. 「東日本大震災 その時医療現場は」(その 1) 筑波大学附属病院の災害状況. 日本手術医学会誌 33(2):117-121, 2012
9. 高橋宏. 「東日本大震災 その時医療現場は」(その 2) 茨城県基幹病院手術室の被害状況アンケート調査. 日本手術医学会誌 33(2):122-127, 2012
10. 田所貴弘, 山下創一郎, 石垣麻衣子, 高橋伸二, 田中誠. スティフパーソン症候群を合併する患者の胸腺腫瘍摘出術の麻酔経験. 麻酔 61(2):193-196, 2012
11. 中野雅之, 左津前剛, 水谷太郎, 木村麻衣子, 徳若純子, 田中誠. 封入体筋炎患者の麻酔管理. 日本臨床麻酔学会誌 32(5):809-813, 2012
12. 藤江敬子, 安田貢, 橋本幸一, 中田由夫, 原田義則, 水谷太郎. 茨城県北部地区メディカルコントロール協議会における病院外心肺停止患者に対する救命活動と事後検証. 日本臨床救急医学会雑誌 15(3):408-417, 2012
13. 山田久美子, 斎藤重行, 豊岡秀訓, 綾大介, 飯嶋千裕, 田中誠. 人工肘関節置換術の既往患者での尺骨神経麻痺. 麻酔 61(9):1009-1010, 2012
14. 山田久美子, 福田妙子, 木村麻衣子, 萩谷圭一, 段村雅人, 中山慎, 小倉剛, 田中誠. 劇症

型 A 群溶連菌感染症・分娩型の帝王切開の麻酔経験. 麻酔 61(12):1380-1385, 2012

15. 山田久美子, 福田妙子, 山下創一郎, 高橋宏, 田中誠. 喉頭鏡初心者にとってのグライドスコープ. 麻酔 61(12):1386-1390, 2012

d) 英文以外の著書

1. 萩谷圭一, 水谷太郎. C-2. 気管挿管下人工呼吸法; "初めての人工呼吸管理 - 基本がわかると先が見える - (第 1 版)" (編集 岡元和文), 中外医学社 (東京) 2012; pp93-97
2. 福田妙子. "麻酔・疼痛管理・集中治療領域における $\alpha 2$ 受容体作動薬" (編集 西川俊明), 克誠堂出版 (東京) 2012; pp211-240
3. 水谷太郎. 10-2. 気管吸引; "新呼吸療法テキスト (第 1 版)" (編集 3 学会合同呼吸療法認定士認定委員会), 株式会社アトムス (東京) 2012; pp176-179
4. 山田久美子, 田中誠. 的確な栄養療法のために part2 鎮静薬; "臨床栄養別冊 JCN セレクト 7 薬物-飲食物相互作用" (監修 井上善文・佐々木雅也), 医歯薬出版株式会社 (東京) 2012; pp96-98

ニュートリゲノミクス

a) 英文論文

1. Fujimoto Y, Nakagawa Y, Shingyouchi A, Tokushige N, Nakanishi N, Satoh A, Matsuzaka T, Ishii KA, Iwasaki H, Kobayashi K, Yatoh S, Suzuki H, Yahagi N, Urayama O, Yamada N, Shimano H. Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. *Biochem Biophys Res Commun* 420(4):931-936, 2012
2. Heianza Y, Arase Y, Fujihara K, Hsieh SD, Saito K, Tsuji H, Kodama S, Yahagi N, Shimano H, Yamada N, Hara S, Sone H. Longitudinal trajectories of HbA1c and fasting plasma glucose levels during the development of type 2 diabetes: the Toranomon Hospital Health Management Center Study 7 (TOPICS 7). *Diabetes Care* 35(5):1050-1052, 2012
3. Iwasaki H, Naka A, Iida KT, Nakagawa Y, Matsuzaka T, Ishii KA, Kobayashi K, Takahashi A, Yatoh S, Yahagi N, Sone H, Suzuki H, Yamada N, Shimano H. TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. *Am J Physiol Endocrinol Metab* 302(7):E896-902, 2012
4. Matsuzaka T, Atsumi A, Matsumori R, Nie T, Shinozaki H, Suzuki-Kemuriyama N, Kuba M, Nakagawa Y, Ishii K, Shimada M, Kobayashi K, Yatoh S, Takahashi A, Takekoshi K, Sone H, Yahagi N, Suzuki H, Murata S, Nakamuta M, Yamada N, Shimano H. Elovl6 promotes nonalcoholic steatohepatitis. *Hepatology* 56(6):2199-2208, 2012
5. Naka A, Iida KT, Nakagawa Y, Iwasaki H, Takeuchi Y, Satoh A, Matsuzaka T, Ishii KA, Kobayashi K, Yatoh S, Shimada M, Yahagi N, Suzuki H, Sone H, Yamada N, Shimano H. TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. *Biochem Biophys Res Commun* doi: 10.1016/j.bbrc.2012.11.094., 2012

脳腫瘍研究

a) 英文論文

1. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
2. Fukumitsu N, Ishida M, Terunuma T, Mizumoto M, Hashimoto T, Moritake T, Okumura T, Sakae T, Tsuboi K, Sakurai H. Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. *J Radiat Res* 53(6):945-953, 2012
3. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 29:7-10, 2012
4. Hong Z, Kase Y, Moritake T, Gerelchuluun A, Sun L, Suzuki K, Terunuma T, Yasuoka K, Kumada H, Anzai K, Sakurai H, Sakae T, Tsuboi K. Lineal energy-based evaluation of oxidative DNA damage induced by proton beams and X-rays. *Int J Radiat Biol* doi: 10.3109/09553002.2012.715791., 2012
5. Kanemoto A, Mizumoto M, Okumura T, Takahashi H, Hashimoto T, Oshiro Y, Fukumitsu N, Moritake T, Tsuboi K, Sakae T, Sakurai H. Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. *Acta Oncol* doi: 10.3109/0284186X.2012.718094. , 2012
6. Liu M, Yue Q, Isobe T, Matsumura A, Li J, Yang Z, Quan H, Xing H, Gong Q. Proton MR spectroscopy of central neurocytoma using short and long echo time: new proofs for the existence of glycine and glutamate. *Acad Radiol* 19(7):779-784, 2012
7. Masuda Y, Ishikawa E, Takahashi T, Ihara S, Yamamoto T, Zaboronok A, Matsumura A. Dual-port technique in navigation-guided endoscopic resection for intraparenchymal brain tumor. *Surg Neurol Int* 3:35, 2012
8. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
9. Miki S, Fujita K, Katayama W, Sato M, Kamezaki T, Matsumura A, Sakashita S. Encapsulated acute subdural hematoma mimicking acute epidural hematoma on computed tomography. *Neurol Med Chir (Tokyo)* 52(11):826-828, 2012
10. Muroi A, Takano S, Fukushima T, Shimizu T, Matsumura A. Intracranial germinoma manifesting as cavernous sinus syndrome--case report. *Neurol Med Chir (Tokyo)* 52(10):754-756, 2012
11. Nagane M, Nishikawa R, Narita Y, Kobayashi H, Takano S, Shinoura N, Aoki T, Sugiyama K, Kuratsu J, Muragaki Y, Sawamura Y, Matsutani M. Phase II study of single-agent bevacizumab in Japanese patients with recurrent malignant glioma. *Jpn J Clin Oncol* 42(10):887-895, 2012
12. Nguyen THN, Akutsu H, Nouguchi S, Tsunoda T, Sasaki M, Tsurushima H, Matsumura A.

- Reversible focal radiological changes due to non-convulsive status epilepticus of the right parietooccipital lobe. –Case report–. *Turk Neurosurgery* 23(2):278-281, 2012
13. Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int* 3:9, 2012
 14. Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg* 117(2):363-371, 2012
 15. Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)* 52(4):186-193, 2012
 16. Saida T, Masumoto T, Nakai Y, Shiigai M, Matsumura A, Minami M. Moyamoya disease: evaluation of postoperative revascularization using multiphase selective arterial spin labeling MRI. *J Comput Assist Tomogr* 36(1):143-149, 2012
 17. Sakamoto N, Ishikawa E, Nakai Y, Akutsu H, Yamamoto T, Nakai K, Shiigai M, Tsurushima H, Isobe T, Takano S, Tsuboi K, Matsumura A. Preoperative endovascular embolization for hemangioblastoma in the posterior fossa. *Neurol Med Chir (Tokyo)* 52(12):878-884, 2012
 18. Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)* 52(4):194-201, 2012
 19. Shibui S, Narita Y, Mizusawa J, Beppu T, Ogasawara K, Sawamura Y, Kobayashi H, Nishikawa R, Mishima K, Muragaki Y, Maruyama T, Kuratsu J, Nakamura H, Kochi M, Minamida Y, Yamaki T, Kumabe T, Tominaga T, Kayama T, Sakurada K, Nagane M, Kobayashi K, Nakamura H, Ito T, Yazaki T, Sasaki H, Tanaka K, Takahashi H, Asai A, Todo T, Wakabayashi T, Takahashi J, Takano S, Fujimaki T, Sumi M, Miyakita Y, Nakazato Y, Sato A, Fukuda H, Nomura K. Randomized trial of chemoradiotherapy and adjuvant chemotherapy with nimustine (ACNU) versus nimustine plus procarbazine for newly diagnosed anaplastic astrocytoma and glioblastoma (JCOG0305). *Cancer Chemother Pharmacol* doi: 10.1007/s00280-012-2041-5., 2012
 20. Sun L, Moritake T, Zheng YW, Suzuki K, Gerelchuluun A, Hong Z, Zenkoh J, Taniguchi H, Tsuboi K. In vitro stemness characterization of radio-resistant clones isolated from a medulloblastoma cell line ONS-76. *J Radiat Res* doi: 10.1093/jrr/rrs078., 2012
 21. Tabuchi K, Yamamoto T, Akutsu H, Suzuki K, Hara A. Combined transmastoid/middle fossa approach for intracranial extension of middle ear cholesteatoma. *Neurol Med Chir (Tokyo)* 52(10):736-740, 2012
 22. Takahashi T, Ishikawa E, Masuda Y, Yamamoto T, Sato T, Shibuya M, Matsumura A. Mixed germ cell tumor with extensive yolk sac tumor elements in the frontal lobe of an adult. *Case Rep Surg* 2012:473790, 2012
 23. Takano S. Glioblastoma angiogenesis: VEGF resistance solutions and new strategies based on molecular mechanisms of tumor vessel formation. *Brain Tumor Pathol* 29(2):73-86, 2012

24. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
25. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
26. Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol* doi: 10.1007/s10014-012-0116-y., 2012
27. Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater* 13:06420(8pp), 2012

b) 英文以外の論文

1. 阿久津博義, 高野晋吾, 村下秀和, 田中秀峰, 上前泊功, 鈴木浩明, 山本哲哉, 松村明. GH 産生下垂体腺腫の手術成績—内視鏡単独手術導入は治癒率改善に寄与したか. 第 8 回アクロメガリーフォーラム記録集 2012 II:6, 2012
2. 磯辺智範, 森祐太郎, 榮武二, 松原孝祐, 五十嵐隆元. 臨床技術講座 放射線防護に関する説明のために必要な知識. 日本放射線技術学会雑誌 68(10):1419-1427, 2012
3. Saotome K, Ishimori Y, Isobe T, Satou E, Shinoda K, Ookubo J, Hirano Y, Oosuka S, Matsushita A, Miyamoto K, Sankai Y. Comparison of diffusion tensor imaging-derived fractional anisotropy in multiple centers for identical human subjects. *Nihon Hoshasen Gijutsu Gakkai Zasshi* 68(9):1242-1249, 2012
4. 志田晃一, 磯辺智範, 高田健太, 小林大輔, 只野喜一, 高橋英希, 関正志, 横田浩, 櫻井英幸, 榮武二. 医用線形加速装置撤去のための放射化の評価. 医学物理 31(2):33-39, 2012
5. Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. Granular cell tumor of the neurohypophysis observed with hypoglycemic attack. *No Shinkei Gekai* 40(8):723-728, 2012
6. 津田恭治, 高野晋吾, 今井資, 松原鉄平, 阿久津博義, 松村明. 【脳幹部海綿状血管腫】 当院で経験した中脳海綿状血管腫 3 例に対する治療方針の検討. 脳卒中の外科 40(3):149-153, 2012

c) 英文著書

1. Nakai K, Matsumura A. Chapter 23 Feasibility for Intramedullary Spinal Glioma; in "Neutron Capture Therapy (1st edition)" (edited by Sauerwein WAG et al.), Springer-Verlag Berlin (Berlin Heidelberg) 2013; pp407-416
2. Tsuruta W, Yamamoto T, Matsumura A. Chapter 30 Prevention of Vascular Restenosis After Vascular Angioplasty; in "Neutron Capture Therapy Principles and Applications (1st edition)"

(edited by Sauerwein WAG et al.), Springer (Berlin Heidelberg) 2013; pp513-520

3. Yamamoto T, Matsumura A. Chapter 20 Non-operative BNCT for GBM; in "Neutron Capture Therapy (1st edition)" (edited by Sauerwein W, Wittig A, Moss R, Nakagawa Y), Springer (Berlin Heidelberg) 2012; pp377-388

d) 英文以外の著書

1. 大須賀覚, サンペトラオルテア, 松村明, 佐谷秀行. 連載 知っておきたい Cancer Stem Cell 第2回 脳腫瘍幹細胞と治療戦略; “Mebio 28 (9)” 2012; pp7-13
2. 大矢根綾子, 矢崎侑振, 鶴嶋英夫, 王秀鵬, 十河友, 伊藤敦夫, 山崎敦司. リン酸カルシウム複合層を利用した遺伝子導入と再生医療応用. “無機マテリアル学会機関誌 19”, 2012; pp466-472
3. 高野晋吾, 阿久津博義, 渡邊真哉, 松村明. カベルゴリン時代のプロラクチノーマの治療; “日本内分泌学会誌 88 (Supple) ”, 2012; pp42-43
4. Takano S, Matsumura A. Topics for antiangiogenic therapy for glioblastoma; “No Shinkei Gekai 40(6) ”, 2012; pp481-502
5. 鶴嶋英夫. 臨床研究におけるトピックス 個別化医療の臨床研究と経済評価; “日本医療・病院管理学会誌 49(3) ”, 2012; pp55
6. 鶴嶋英夫, 本間真人, 土岐浩介, 幸田幸直. 臨床研究の進め方; “医学物 32 (Supple) ”, 2012; pp47
7. 増本智彦. 脳腫瘍(章編者); “よくわかる脳 MRI (第3版)” (編集 青木茂樹, 相田典子, 井田正博, 大場洋), 学研メディカル秀潤社 (東京) 2012; pp48-133

放射線基礎医学

a) 英文論文

1. Fukumitsu N, Hashimoto T, Okumura T, Mizumoto M, Tohno E, Fukuda K, Abei M, Sakae T, Sakurai H. Investigation of the geometric accuracy of proton beam irradiation in the liver. *Int J Radiat Oncol Biol Phys* 82(2):826-833, 2012
2. Fukumitsu N, Ishida M, Terunuma T, Mizumoto M, Hashimoto T, Moritake T, Okumura T, Sakae T, Tsuboi K, Sakurai H. Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. *J Radiat Res* 53(6):945-953, 2012
3. Fukumitsu N, Okumura T, Mizumoto M, Oshiro Y, Hashimoto T, Kanemoto A, Hashii H, Ohkawa A, Moritake T, Tsuboi K, Tabuchi K, Wada T, Hara A, Sakurai H. Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or recurrent nasal cavity and paranasal sinus carcinoma treated with proton beam. *Int J Radiat Oncol Biol Phys* 83(2):704-711, 2012
4. Fukumitsu N, Oshiro Y, Hashimoto T, Okumura T, Mizumoto M, Moritake T, Tsuboi K, Sakae T, Sakurai H. Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. *Lung Cancer* 77(1):83-88, 2012
5. Fuse H, Sakae T, Terunuma T, Sato M, Aoki S. An isocenter detection and verification device for use in proton therapy. *Rev Sci Instrum* 83(12):125109, 2012
6. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
7. Kanemoto A, Ishikawa H, Mizumoto M, Okumura T, Hashimoto T, Oshiro Y, Fukumitsu N, Tsuboi K, Sakae T, Sakurai H. Proton beam therapy for liver metastasis from breast cancer: Five case reports and a review of the literatures. *International Cancer Conference Journal* 1:210-214, 2012
8. Kanemoto A, Oshiro Y, Sugahara S, Kamagata S, Hirobe S, Toma M, Okumura T, Sakurai H. Proton beam therapy for inoperable recurrence of bronchial high-grade mucoepidermoid carcinoma. *Jpn J Clin Oncol* 42(6):552-555, 2012
9. Kawamura H, Ebara T, Katoh H, Tamaki T, Ishikawa H, Sakurai H, Nakano T. Long-term results of curative intraluminal high dose rate brachytherapy for endobronchial carcinoma. *Radiat Oncol* 7:112, 2012
10. Mizumoto M, Okumura T, Hashimoto T, Fukuda K, Oshiro Y, Fukumitsu N, Abei M, Kawaguchi A, Hayashi Y, Ohkawa A, Hashii H, Kanemoto A, Moritake T, Tohno E, Tsuboi K, Sakae T, Sakurai H. Evaluation of liver function after proton beam therapy for hepatocellular carcinoma. *Int J Radiat Oncol Biol Phys* 82(3):e529-535, 2012
11. Moritake T, Fujita H, Yanagisawa M, Nakawatari M, Imadome K, Nakamura E, Iwakawa M, Imai T. Strain-dependent damage in mouse lung after carbon ion irradiation. *Int J Radiat Oncol Biol Phys* 84(1):e95-e102, 2012

12. Okamoto Y, Okamoto T, Yuka K, Hirano Y, Isobe T, Minami M. Correlation between pennation angle and image quality of skeletal muscle fibre tractography using deterministic diffusion tensor imaging. *J Med Imaging Radiat Oncol* 56(6):622-627, 2012
13. Okonogi N, Hashimoto T, Ishida M, Ohno T, Terunuma T, Okumura T, Sakae T, Sakurai H. Designed-seamless irradiation technique for extended whole mediastinal proton-beam irradiation for esophageal cancer. *Radiat Oncol* 7:173, 2012
14. Onozawa M, Miyanaga N, Hinotsu S, Miyazaki J, Oikawa T, Kimura T, Takaoka E, Kawai K, Shimazui T, Sakurai H, Nishiyama H, Akaza H. Analysis of intravesical recurrence after bladder-preserving therapy for muscle-invasive bladder cancer. *Jpn J Clin Oncol* 42(9):825-830, 2012
15. Oshiro Y, Mizumoto M, Okumura T, Hashimoto T, Fukumitsu N, Ohkawa A, Kanemoto A, Hashii H, Ohno T, Sakae T, Tsuboi K, Sakurai H. Results of proton beam therapy without concurrent chemotherapy for patients with unresectable stage III non-small cell lung cancer. *J Thorac Oncol* 7(2):370-375, 2012
16. Sakurai H, Robert Lee W, Orton CG. Point/counterpoint: we do not need randomized clinical trials to demonstrate the superiority of proton therapy. *Med Phys* 39(4):1685-1687, 2012
17. Shoulkamy MI, Nakano T, Ohshima M, Hirayama R, Uzawa A, Furusawa Y, Ide H. Detection of DNA-protein crosslinks (DPCs) by novel direct fluorescence labeling methods: distinct stabilities of aldehyde and radiation-induced DPCs. *Nucleic Acids Res* 40(18):e143, 2012
18. Someya M, Sakata K, Matsumoto Y, Tauchi H, Kai M, Hareyama M, Fukushima M. Effects of depletion of dihydropyrimidine dehydrogenase on focus formation and RPA phosphorylation. *J Radiat Res* 53(2):250-256, 2012
19. Takano S, Kato Y, Yamamoto T, Kaneko MK, Ishikawa E, Tsujimoto Y, Matsuda M, Nakai K, Yanagiya R, Morita S, Tsuboi K, Matsumura A. Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. *J Neurooncol* 108(3):361-373, 2012
20. Tamaki T, Ishikawa H, Takahashi T, Tamaki Y, Kitamoto Y, Okamoto M, Noda SE, Katoh H, Shirai K, Sakurai H, Nakano T. Comparison of efficacy and safety of low-dose-rate vs. high-dose-rate intraluminal brachytherapy boost in patients with superficial esophageal cancer. *Brachytherapy* 11(2):130-136, 2012
21. Toita T, Kato S, Niibe Y, Ohno T, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Tokumaru S, Yamauchi C, Suzuki O, Sakurai H, Numasaki H, Teshima T, Oguchi M, Kagami Y, Nakano T, Hiraoka M, Mitsuhashi N. Prospective multi-institutional study of definitive radiotherapy with high-dose-rate intracavitary brachytherapy in patients with nonbulky (<4-cm) stage I and II uterine cervical cancer (JAROG0401/JROSG04-2). *Int J Radiat Oncol Biol Phys* 82(1):e49-56, 2012
22. Tokumaru S, Toita T, Oguchi M, Ohno T, Kato S, Niibe Y, Kazumoto T, Kodaira T, Kataoka M, Shikama N, Kenjo M, Yamauchi C, Suzuki O, Sakurai H, Teshima T, Kagami Y, Nakano T, Hiraoka M, Mitsuhashi N, Kudo S. Insufficiency fractures after pelvic radiation therapy for

- uterine cervical cancer: an analysis of subjects in a prospective multi-institutional trial, and cooperative study of the Japan Radiation Oncology Group (JAROG) and Japanese Radiation Oncology Study Group (JROSG). *Int J Radiat Oncol Biol Phys* 84(2):e195-200, 2012
23. Tsuboi K. DNA-PK targeting virotherapy, a promising approach. *Transl Cancer Res* 1(1):2-3, 2012
24. Ushigome T, Shikazono N, Fujii K, Watanabe R, Suzuki M, Tsuruoka C, Tauchi H, Yokoya A. Yield of single- and double-strand breaks and nucleobase lesions in fully hydrated plasmid DNA films irradiated with high-LET charged particles. *Radiat Res* 177(5):614-627, 2012

b) 英文以外の論文

1. Saotome K, Ishimori Y, Isobe T, Satou E, Shinoda K, Ookubo J, Hirano Y, Oosuka S, Matsushita A, Miyamoto K, Sankai Y. Comparison of diffusion tensor imaging-derived fractional anisotropy in multiple centers for identical human subjects. *Nihon Hoshasen Gijutsu Gakkai Zasshi* 68(9):1242-1249, 2012
2. 志田晃一, 磯辺智範, 高田健太, 小林大輔, 只野喜一, 高橋英希, 関正志, 横田浩, 櫻井英幸, 榮武二. 医用線形加速装置撤去のための放射化の評価. *医学物理* 31(2):33-39, 2012
3. 田内広, 馬田敏幸, 立花章. 低線量放射線の生物影響とトリチウム研究. *プラズマ核融合学会誌* 88:119-124, 2012
4. 立花章, 小林純也, 田内広. 細胞・分子レベルでのトリチウム影響研究. *プラズマ核融合学会誌* 88:228-235, 2012
5. 水本齊志, 櫻井英幸. 肝細胞癌に対する放射線治療 陽子線治療の効果と位置づけ. *The Liver Cancer Journal* 4(4):260-265, 2012

c) 英文著書

1. Ishikawa E, Takano S, Ohno T, Tsuboi K. Chapter 9. Adoptive cell transfer therapy for malignant glioma; in "Advances in Experimental Medicine and Biology, Glioma" (edited by Yamanaka R), Landes Bioscience (Austin) and Springer Science + Business Media, LLC (New York) 2012; pp109-120

d) 英文以外の著書

1. 磯辺智範, 榮武二, 櫻井英幸. 第4章. 陽子線, 第5章. 陽子線; "Textbook of radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋, 日本放射線外科学会), メディカ出版 (大阪) 2012; pp44-50, 81-87
2. 櫻井英幸, 井上洋. 総論6章. 放射線外科治療の注意事項、組織の耐容線量、合併症とその管理; "Textbook of radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋, 日本放射線外科学会), メディカ出版 (大阪) 2012; pp93-100
3. 橋本孝之, 櫻井英幸. 各論7章. 腹部 (26) 肝臓; "Textbook of radiosurgery 放射線外科治療の進歩 (第1版)" (編集 井上洋, 日本放射線外科学会), メディカ出版 (大阪) 2012; pp238-242

肺高血圧症・肺循環障害

a) 英文論文

1. Doki K, Homma M, Kuga K, Aonuma K, Kohda Y. CYP2D6 genotype affects age-related decline in flecainide clearance: a population pharmacokinetic analysis. *Pharmacogenet Genomics* 22(11):777-783, 2012
2. Fujita A, Yoh K, Shimohata H, Morito N, Ojima M, Okamura M, Takahashi S, Yamagata K. A novel diabetes mellitus mouse model, MAFA-deficient and beta cell-specific MAFK-overexpressing hybrid transgenic mice, developed severe diabetic nephropathy and improved with TCV-116 (candesartan cilexetil) treatment. *Exp Anim* 61(1):49-57, 2012
3. Hashimoto T, Isobe T, Hashii H, Kumada H, Tada H, Okumura T, Tsuboi K, Sakae T, Aonuma K, Sakurai H. Influence of secondary neutrons induced by proton radiotherapy for cancer patients with implantable cardioverter defibrillators. *Radiat Oncol* 7:10, 2012
4. Horikoshi M, Goto D, Segawa S, Yoshiga Y, Iwanami K, Inoue A, Tanaka Y, Matsumoto I, Sumida T. Activation of Invariant NKT cells with glycolipid ligand α -galactosylceramide ameliorates glucose-6-phosphate isomerase peptide-induced arthritis. *PLoS One* 7(12):e51215, 2012
5. Hoshi T, Sato A, Hiraya D, Kimura T, Wang Z, Aonuma K. Multimodality intracoronary imaging in spontaneous coronary artery dissection: impacts of intravascular ultrasound, optical coherence tomography, and coronary angiography. *Catheter Cardiovasc Interv* doi: 10.1002/ccd.24563., 2012
6. Hoshi T, Sato A, Nishina H, Kakefuda Y, Wang Z, Noguchi Y, Aonuma K. Acute hemodynamic effects of landiolol, an ultra-short-acting beta-blocker, in patients with acute coronary syndrome: preliminary study. *J Cardiol* 60(4):252-256, 2012
7. Igarashi M, Tada H, Kurosaki K, Yamasaki H, Akiyama D, Sekiguchi Y, Kuroki K, Machino T, Murakoshi N, Nakata Y, Kuga K, Nogami A, Aonuma K. Electrocardiographic determinants of the polymorphic QRS morphology in idiopathic right ventricular outflow tract tachycardia. *J Cardiovasc Electrophysiol* 23(5):521-526, 2012
8. Igarashi M, Tada H, Sekiguchi Y, Aonuma K. Successful radiofrequency catheter ablation of common atrial flutter at the bottom of a coronary sinus diverticulum. *Heart Vessels* 27(6):643-647, 2012
9. Iida N, Seo Y, Ishizu T, Nakajima H, Atsumi A, Yamamoto M, Machino-Ohtsuka T, Kawamura R, Enomoto M, Kawakami Y, Aonuma K. Transmural compensation of myocardial deformation to preserve left ventricular ejection performance in chronic aortic regurgitation. *J Am Soc Echocardiogr* 25(6):620-628, 2012
10. Iizuka M, Tsuboi H, Matsuo N, Kondo Y, Asashima H, Matsui M, Matsumoto I, Sumida T. The crucial roles of IFN- γ in the development of M3 muscarinic acetylcholine receptor induced Sjogren's syndrome-like sialadenitis. *Mod Rheumatol* doi: 10.1007/s10165-012-0785-8., 2012
11. Inoue A, Matsumoto I, Tanaka Y, Umeda N, Tanaka Y, Mihara M, Takahashi S, Sumida T. Murine tumor necrosis factor α -induced adipose-related protein (tumor necrosis factor α -induced protein 9) deficiency leads to arthritis via interleukin-6 overproduction with enhanced NF-

- κ B, STAT-3 signaling, and dysregulated apoptosis of macrophages. *Arthritis Rheum* 64(12):3877-3885, 2012
12. Kakefuda Y, Sato A, Hoshi T, Ishizu T, Tada H, Satomi K, Morishita Y, Okoshi Y, Tokunaga C, Sakakibara Y, Aonuma K. Isolated cardiac involvement of B-cell acute lymphoblastic leukemia mimicking acute myocardial infarction with persistent broad ST-segment elevation. *Circulation* 125(22):e979-982, 2012
 13. Kaneshiro T, Naruse Y, Nogami A, Tada H, Yoshida K, Sekiguchi Y, Murakoshi N, Kato Y, Horigome H, Kawamura M, Horie M, Aonuma K. Successful catheter ablation of bidirectional ventricular premature contractions triggering ventricular fibrillation in catecholaminergic polymorphic ventricular tachycardia with RyR2 mutation. *Circ Arrhythm Electrophysiol* 5(1):e14-17, 2012
 14. Kato Y, Horigome H, Takahashi-Igari M, Sumitomo N, Aonuma K. Tachycardia associated with twin atrioventricular nodes in an infant with heterotaxy and interruption of inferior vena cava. *Pacing Clin Electrophysiol* 35(10):e302-305, 2012
 15. Kawasaki A, Furukawa H, Kondo Y, Ito S, Hayashi T, Kusaoi M, Matsumoto I, Tohma S, Takasaki Y, Hashimoto H, Sumida T, Tsuchiya N. Association of PHRF1-IRF7 region polymorphism with clinical manifestations of systemic lupus erythematosus in a Japanese population. *Lupus* 21(8):890-895, 2012
 16. Kondo Y, Iizuka M, Wakamatsu E, Yao Z, Tahara M, Tsuboi H, Sugihara M, Hayashi T, Yoh K, Takahashi S, Matsumoto I, Sumida T. Overexpression of T-bet gene regulates murine autoimmune arthritis. *Arthritis Rheum* 64(1):162-172, 2012
 17. Kuroki K, Tada H, Seo Y, Ishizu T, Igawa M, Yamasaki H, Igarashi M, Machino T, Naruse Y, Sekiguchi Y, Murakoshi N, Aonuma K. Prediction and mechanism of frequent ventricular premature contractions related to haemodynamic deterioration. *Eur J Heart Fail* 14(10):1112-1120, 2012
 18. Machino T, Tada H, Sekiguchi Y, Yamasaki H, Kuroki K, Igarashi M, Naruse Y, Nakano E, Ito Y, Kaneshiro T, Yoshida K, Aonuma K. Prevalence and influence of hyperthyroidism on the long-term outcome of catheter ablation for drug-refractory atrial fibrillation. *Circ J* 76(11):2546-2551, 2012
 19. Matsumoto K, Azami T, Otsu A, Takase H, Ishitobi H, Tanaka J, Miwa Y, Takahashi S, Ema M. Study of normal and pathological blood vessel morphogenesis in Flt1-tdsRed BAC Tg mice. *Genesis* 50(7):561-571, 2012
 20. Miyanaga N, Akaza H, Hinotsu S, Fujioka T, Naito S, Namiki M, Takahashi S, Hirao Y, Horie S, Tsukamoto T, Mori M, Tsuji H. Prostate cancer chemoprevention study: an investigative randomized control study using purified isoflavones in men with rising prostate-specific antigen. *Cancer Sci* 103(1):125-130, 2012
 21. Miyauchi Y, Sakai S, Maeda S, Shimojo N, Watanabe S, Honma S, Kuga K, Aonuma K, Miyauchi T. Increased plasma levels of big-endothelin-2 and big-endothelin-3 in patients with end-stage renal disease. *Life Sci* 91(13-14):729-732, 2012

22. Nagamine S, Tamba M, Ishimine H, Araki K, Shiomi K, Okada T, Ohto T, Kunita S, Takahashi S, Wismans RG, van Kuppevelt TH, Masu M, Keino-Masu K. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. *J Biol Chem* 287(12):9579-9590, 2012
23. Naruse Y, Sato A, Kakefuda Y, Hoshi T, Imai A, Tokunaga C, Sakakibara Y, Aonuma K. Anomalous origin of the right coronary artery from the left sinus of valsalva in an elderly man: life-threatening worsening of angina after left lung lobectomy. *Circulation* 125(24):e1021-1024, 2012
24. Naruse Y, Tada H, Harimura Y, Hayashi M, Noguchi Y, Sato A, Yoshida K, Sekiguchi Y, Aonuma K. Early repolarization is an independent predictor of occurrences of ventricular fibrillation in the very early phase of acute myocardial infarction. *Circ Arrhythm Electrophysiol* 5(3):506-513, 2012
25. Naruse Y, Tada H, Satoh M, Yanagihara M, Tsuneoka H, Hirata Y, Machino T, Yamasaki H, Igarashi M, Kuroki K, Ito Y, Sekiguchi Y, Aonuma K. Radiofrequency catheter ablation of persistent atrial fibrillation decreases a sleep-disordered breathing parameter during a short follow-up period. *Circ J* 76(9):2096-2103, 2012
26. Nogami Y, Ishizu T, Atsumi A, Yamamoto M, Kawamura R, Seo Y, Aonuma K. Abnormal early diastolic intraventricular flow 'kinetic energy index' assessed by vector flow mapping in patients with elevated filling pressure. *Eur Heart J Cardiovasc Imaging* doi: 10.1093/ehjci/jes149., 2012
27. Oishi H, Itoh S, Matsumoto K, Ishitobi H, Suzuki R, Ema M, Kojima T, Uchida K, Kato M, Miyata T, Takahashi S. Delayed cutaneous wound healing in Fam129b/Minerva-deficient mice. *J Biochem* 152(6):549-555, 2012
28. Sakai S, Kimura T, Wang Z, Shimojo N, Maruyama H, Homma S, Kuga K, Yamaguchi I, Aonuma K, Miyauchi T. Endothelin-1-induced cardiomyocyte hypertrophy is partly regulated by transcription factor II-F interacting C-terminal domain phosphatase of RNA polymerase II. *Life Sci* 91(13-14):572-577, 2012
29. Sakamaki F, Seo Y, Ishizu T, Yanaka S, Atsumi A, Yamamoto M, Machino-Ohtsuka T, Kawamura R, Yamasaki H, Igarashi M, Yoshida K, Sekiguchi Y, Tada H, Aonuma K. Tissue Doppler imaging dyssynchrony parameter derived from the myocardial active wall motion improves prediction of responders for cardiac resynchronization therapy. *Circ J* 76(3):689-697, 2012
30. Sato A, Hiroe M, Akiyama D, Hikita H, Nozato T, Hoshi T, Kimura T, Wang Z, Sakai S, Imanaka-Yoshida K, Yoshida T, Aonuma K. Prognostic value of serum tenascin-C levels on long-term outcome after acute myocardial infarction. *J Card Fail* 18(6):480-486, 2012
31. Sato A, Nozato T, Hikita H, Akiyama D, Nishina H, Hoshi T, Aihara H, Kakefuda Y, Watabe H, Hiroe M, Aonuma K. Prognostic value of myocardial contrast delayed enhancement with 64-slice multidetector computed tomography after acute myocardial infarction. *J Am Coll Cardiol* 59(8):730-738, 2012
32. Sato Y, Yoshida K, Ogata K, Inaba T, Tada H, Sekiguchi Y, Ito Y, Ishizu T, Seo Y, Yamaguchi I,

- Kandori A, Aonuma K. An increase in right atrial magnetic strength is a novel predictor of recurrence of atrial fibrillation after radiofrequency catheter ablation. *Circ J* 76(7):1601-1608, 2012
33. Sekiguchi Y, Owada J, Oishi H, Katsumata T, Ikeda K, Kudo T, Takahashi S. Noninvasive monitoring of β -cell mass and fetal β -cell genesis in mice using bioluminescence imaging. *Exp Anim* 61(4):445-451, 2012
 34. Sumida T, Iizuka M, Asashima H, Tsuboi H, Matsumoto I. Pathogenic role of anti-M3 muscarinic acetylcholine receptor immune response in Sjogren's syndrome. *Presse Med* 41(9 Pt 2):e461-466, 2012
 35. Sumida T, Tsuboi H, Iizuka M, Asashima H, Matsumoto I. Anti-M3 muscarinic acetylcholine receptor antibodies in patients with Sjogren's syndrome. *Mod Rheumatol* doi: 10.1007/s10165-012-0788-5., 2012
 36. Suzuki T, Horikoshi M, Sugihara M, Hirota T, Ogishima H, Umeda N, Kondo Y, Tsuboi H, Hayashi T, Chino Y, Matsumoto I, Sumida T. Therapeutic efficacy of tocilizumab in patients with rheumatoid arthritis refractory to anti-tumor-necrosis-factor inhibitors: 1 year follow-up with low-field extremity MRI. *Mod Rheumatol* doi: 10.1007/s10165-012-0746-2., 2012
 37. Tajiri K, Imanaka-Yoshida K, Matsubara A, Tsujimura Y, Hiroe M, Naka T, Shimojo N, Sakai S, Aonuma K, Yasutomi Y. Suppressor of cytokine signaling 1 DNA administration inhibits inflammatory and pathogenic responses in autoimmune myocarditis. *J Immunol* 189(4):2043-2053, 2012
 38. Takase H, Matsumoto K, Yamadera R, Kubota Y, Otsu A, Suzuki R, Ishitobi H, Mochizuki H, Kojima T, Takano S, Uchida K, Takahashi S, Ema M. Genome-wide identification of endothelial cell-enriched genes in the mouse embryo. *Blood* 120(4):914-923, 2012
 39. Tanaka Y, Matsumoto I, Iwanami K, Inoue A, Minami R, Umeda N, Kanamori A, Ochiai N, Miyazawa K, Sugihara M, Hayashi T, Goto D, Ito S, Sumida T. Six-transmembrane epithelial antigen of prostate4 (STEAP4) is a tumor necrosis factor alpha-induced protein that regulates IL-6, IL-8, and cell proliferation in synovium from patients with rheumatoid arthritis. *Mod Rheumatol* 22(1):128-136, 2012
 40. Tanaka Y, Matsumoto I, Iwanami K, Inoue A, Umeda N, Tanaka Y, Sugihara M, Hayashi T, Ito S, Sumida T. Six-transmembrane epithelial antigen of prostate 4 (STEAP4) is expressed on monocytes/neutrophils, and is regulated by TNF antagonist in patients with rheumatoid arthritis. *Clin Exp Rheumatol* 30(1):99-102, 2012
 41. Tokunaga C, Enomoto Y, Sato F, Kanemoto S, Matsushita S, Hiramatsu Y, Aonuma K, Sakakibara Y. Surgical removal of infected pacemaker leads without cardiopulmonary bypass after failed extraction using the Excimer Laser Sheath Extraction System. *J Artif Organs* 15(1):94-98, 2012
 42. Tsuboi H, Matsuo N, Iizuka M, Tsuzuki S, Kondo Y, Tanaka A, Moriyama M, Matsumoto I, Nakamura S, Sumida T. Analysis of IgG4 class switch-related molecules in IgG4-related disease. *Arthritis Res Ther* 14(4): R171, 2012

43. Tsuboi H, Nakamura Y, Iizuka M, Matsuo N, Matsumoto I, Sumida T. Generation and functional analysis of monoclonal antibodies against the second extracellular loop of human M3 muscarinic acetylcholine receptor. *Mod Rheumatol* 22(2):264-271, 2012
44. Watabe H, Sato A, Akiyama D, Kakefuda Y, Adachi T, Ojima E, Hoshi T, Murakoshi N, Ishizu T, Seo Y, Aonuma K. Impact of coronary plaque composition on cardiac troponin elevation after percutaneous coronary intervention in stable angina pectoris: a computed tomography analysis. *J Am Coll Cardiol* 59(21):1881-1888, 2012
45. Watabe H, Sato A, Hoshi T, Obara K, Kawamura R, Aonuma K. Dislodged and mechanically distorted stent stuck within a previously implanted drug-eluting stent. *Heart Vessels* doi: 10.1007/s00380-012-0290-1., 2012
46. Xu D, Murakoshi N, Igarashi M, Hirayama A, Ito Y, Seo Y, Tada H, Aonuma K. PPAR- γ activator pioglitazone prevents age-related atrial fibrillation susceptibility by improving antioxidant capacity and reducing apoptosis in a rat model. *J Cardiovasc Electrophysiol* 23(2):209-217, 2012
47. Yamaguchi T, Ito S, Takano Y, Umeda N, Goto M, Horikoshi M, Hayashi T, Goto D, Matsumoto I, Sumida T. A case of disseminated sporotrichosis treated with prednisolone, immunosuppressants, and tocilizumab under the diagnosis of rheumatoid arthritis. *Intern Med* 51(15):2035-2039, 2012
48. Yoh K, Morito N, Ojima M, Shibuya K, Yamashita Y, Morishima Y, Ishii Y, Kusakabe M, Nishikii H, Fujita A, Matsunaga E, Okamura M, Hamada M, Suto A, Nakajima H, Shibuya A, Yamagata K, Takahashi S. Overexpression of ROR γ t under control of the CD2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. *Eur J Immunol* 42(8):1999-2009, 2012
49. Yokota T, Akatsu H, Miyauchi T, Heese K. Characterization of the novel protein P9TLDR (temporal lobe down-regulated) with a brain-site-specific gene expression modality in Alzheimer's disease brain. *FEBS Lett* 586(24):4357-4361, 2012
50. Yoshida K, Tada H, Ogata K, Sekiguchi Y, Inaba T, Ito Y, Sato Y, Sato A, Seo Y, Kandori A, Aonuma K. Electrogram organization predicts left atrial reverse remodeling after the restoration of sinus rhythm by catheter ablation in patients with persistent atrial fibrillation. *Heart Rhythm* 9(11):1769-1778, 2012

b) 英文以外の論文

1. 安達亨, 関口幸夫, 黒木健志, 金城貴士, 油井慶晃, 中野恵美, 井藤葉子, 町野毅, 山崎浩, 五十嵐都, 吉田健太郎, 茅田浩, 久賀圭祐, 青沼和隆. 術式不詳の開心術後の心房粗動に対して詳細なマッピングにより回路を同定し得た1例. *心臓* 44(3):190-196, 2012
2. 井上明日香, 松本功, 田中陽子, 住田孝之. 自己免疫性関節炎における TNFa-induced adipose-related protein (TIARP)の新たな作用機序. *日本臨床免疫学会会誌* 35(1):51-55, 2012
3. 金城貴士, 茅田浩, 成瀬代士久, 吉田健太郎, 中野恵美, 町野毅, 黒木健志, 井藤葉子, 山

- 崎浩, 五十嵐都, 梶田房紀, 関口幸夫, 久賀圭祐, 青沼和隆, 野上昭彦. 心室細動のトリガーとなる心室性期外収縮に対するカテーテル焼灼術が著効したカテコラミン誘発性多形性心室頻拍の 1 症例. 臨床心臓電気生理 35:231-240, 2012
4. 梶田房紀, 多田浩, 関口幸夫, 黒木健志, 山崎浩, 油井慶晃, 中野恵美, 井藤葉子, 五十嵐都, 金城貴士, 吉田健太郎, 青沼和隆. 心室細動を惹起する肺動脈起源心室性期外収縮に対する焼灼術が著効した特発性心室細動の 1 例. 心臓 44(2):30-35, 2012
 5. 佐藤明, 渡部浩明, 青沼和隆. プラークの不安定化と石灰化の分子機構 冠動脈インターベンション後の心筋トロポニン T 上昇の予測因子 冠動脈 CT における点状石灰化の関連. 循環器専門医 20(2):230-236, 2012
 6. 庄司正昭, 横山泰廣, 吉田善紀, 関川雅裕, 伊藤順子, 加藤隆一, 桜井馨, 小川亨, 足利貴志, 佐藤康弘, 小野裕一, 蜂谷仁, 平尾見三, 小西裕二, 山内康熙, 青沼和隆. Termination without Capture 部位から Scar Border Zone への線状焼灼が有効であった Ischemic VT の 1 例. 臨床心臓電気生理 35:251-259, 2012
 7. 住田孝之. 【関節リウマチの最新治療】(PART.1)関節リウマチの基礎 関節リウマチの合併症. からだの科学 273:37-41, 2012
 8. 住田孝之. 【膠原病 最近の動向(Update 2012):日常診療に役立つ膠原病診療】 Sjogren 症候群. 成人病と生活習慣病 42(8):977-982, 2012
 9. 住田孝之, 杉原誠人, 廣田智哉, 掘越正信, 鈴木豪. 【関節炎をいかに鑑別するか】 関節 MRI とその所見. 分子リウマチ治療 5(2):66-71, 2012
 10. 住田孝之, 杉原誠人, 廣田智哉, 掘越正信, 鈴木豪. 【リウマチ診療のパラダイムシフト-大きく変わった診断・治療のエッセンスを徹底解説-】 診療のパラダイムシフト リウマチにおける MRI 診断. 治療 94(2):222-226, 2012
 11. 田尾進, 山内康熙, 岡田寛之, 前田真吾, 鈴木雅仁, 原信博, 川崎まり子, 小西裕二, 鍵山暢之, 服部英二郎, 宮本貴庸, 尾林徹, 吉崎彰, 青沼和隆. 左房前壁の Localized Reentry を頻拍機序とした非通常型心房粗動の 3 例. 臨床心臓電気生理 35:1-9, 2012
 12. 高木雅彦, 関口幸夫, 横山泰廣, 相原直彦, 青沼和隆, 平岡昌和, 特発性心室細動研究会事務局. Brugada 症候群症例の臨床経過と心事故予測因子について. 心電図 32(1):S-1-S-1-10, 2012
 13. 坪井洋人, 住田孝之. 【自己免疫疾患-自己抗体の認識抗原と病因的意義】 シェーグレン症候群における抗 M3 ムスカリン作働性アセチルコリン受容体抗体. 医学のあゆみ 242(8):573-578, 2012
 14. 中川和也, 浅川哲也, 松村国佳, 望田哲司, 山内康熙, 青沼和隆. 12 誘導心電図では右室流出路起源が推定されたが、大動脈左冠尖からの通電にて根治した心室性期外収縮の 2 症例. 心臓 44(3):140-147, 2012
 15. 前田真吾, 山内康熙, 岡田寛之, 田尾進, 関口幸夫, 横山泰廣, 青沼和隆, 平尾見三. 心室中隔基部の菲薄化領域に必須緩徐伝導路を有し、VT termination without global capture の所見を認めた心サルコイドーシスの 1 例. 心電図 32(4):346-354, 2012
 16. 松本功. 【関節リウマチ診療 update-これだけは知っておきたい知識とは?】 《トピックス》 IL-17

阻害は有効か? 内科 109(4):659-663, 2012

17. 松本功. 【関節リウマチ(RA):診断と治療の進歩】病態 関節炎モデル. 日本内科学会雑誌 101(10):2839-2843, 2012
18. 宮内卓. 【肺高血圧症診療の進歩をみる】エンドセリン受容体拮抗薬治療を考察する. Vascular Medicine 8(1):26-31, 2012
19. 村越伸行, 常岡秀和, 山岸良匡, 横山泰廣, 許東洙, 五十嵐都, 山崎浩, 井藤葉子, 北村明彦, 岡田武夫, 大平哲也, 谷川武, 関口幸夫, 埴田浩, 高木雅彦, 磯博康, 青沼和隆, Brugada 症候群の長期予後調査研究班. 厚生労働科学技術研究難治性疾患克服事業 心電図検診による長期にわたる疫学調査 一般住民検診における Brugada 型心電図の長期予後調査. 心電図 32(1):S-1-107-S-101-111, 2012
20. 山本昌良, 石津智子, 吉田健太郎, 瀬尾由広, 山口哲人, 中馬越清隆, 玉岡晃, 青沼和隆. 新型インフルエンザ心筋炎に多発筋炎を併発した 1 例. 心臓 44(6):707-714, 2012
21. 横山泰廣, 関口幸夫, 高木雅彦, 相原直彦, 青沼和隆, 平岡昌和, 特発性心室細動研究会事務局. J-IVFS 登録 Brugada 症候群症例におけるストームの検討. 心電図 32(1):S-1-11-S-11-15, 2012

d) 英文以外の著書

1. 佐藤明, 青沼和隆. "腎障害患者におけるヨード造影剤使用に関するガイドライン 2012" (編集 日本腎臓学会・日本医学放射線学会・日本循環器学会), 東京医学社 (東京) 2012; pp33-41

脊髓脊椎疾患

a) 英文論文

1. Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)* 52(4):238-242, 2012
2. Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int* 3:87, 2012
3. Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol* 30:185-191, 2012

角化制御因子

a) 英文論文

1. Fujisawa Y, Nakamura Y, Kawachi Y, Otsuka F. Indocyanine green fluorescence-navigated sentinel node biopsy showed higher sensitivity than the radioisotope or blue dye method, which may help to reduce false-negative cases in skin cancer. *J Surg Oncol* 106:41-45, 2012
2. Fujisawa Y, Otsuka F, Japanese Melanoma Study G. The benefit of a sentinel lymph node biopsy and adjuvant therapy in thick (>4 mm) melanoma: multicenter, retrospective study of 291 Japanese patients. *Melanoma Res* 22(5):362-367, 2012
3. Ishitsuka Y, Furuta J, Miyashita T, Otsuka F. Splicing aberration in naevoid basal cell carcinoma syndrome. *Acta Derm Venereol* 92(6):619-620, 2012
4. Ishitsuka Y, Kawachi Y, Taguchi S, Maruyama H, Fujisawa Y, Furuta J, Nakamura Y, Otsuka F. Pituitary tumor-transforming gene 1 enhances proliferation and suppresses early differentiation of keratinocytes. *J Invest Dermatol* 132(7):1775-1784, 2012
5. Kawachi Y, Fujisawa Y, Furuta J, Nakamura Y, Ishii Y, Otsuka F. Pruritic poikilodermatous eruption associated with dermatomyositis: successful treatment with dapsone. *Eur J Dermatol* 22(2):289-290, 2012
6. Kawachi Y, Furuta J, Fujisawa Y, Nakamura Y, Ishii Y, Otsuka F. Indolent subcutaneous panniculitis-like T cell lymphoma in a 1-year-old child. *Pediatr Dermatol* 29(3):374-377, 2012
7. Kawaguchi M, Hayashi M, Murata I, Hozumi Y, Suzuki N, Ishii Y, Wataya-Kaneda M, Funasaka Y, Kawakami T, Fukai K, Ochiai T, Nishigori C, Mitsushashi Y, Suzuki T. Eleven novel mutations of the ADAR1 gene in dyschromatosis symmetrica hereditaria. *J Dermatol Sci* 66(3):244-245, 2012
8. Nakamura Y, Fujisawa Y, Ishikawa M, Nakamura Y, Ishitsuka Y, Maruyama H, Furuta J, Kawachi Y, Otsuka F. Usefulness of sentinel lymph node biopsy for extramammary Paget disease. *Br J Dermatol* 167(4):954-956, 2012
9. Nakamura Y, Nakamura Y, Fujisawa Y, Obara S, Furuta J, Kawachi Y, Otsuka F. Multiple inguinal and pelvic lymph node metastases of malignant melanoma of the heel identified by common iliac lymphadenopathy. *Lymphat Res Biol* 10(3):118-121, 2012
10. Nakamura Y, Nakamura Y, Ishitsuka Y, Maruyama H, Fujisawa Y, Kawachi Y, Otsuka F. Facial nerve morbidity following facial nerve preservation surgery for the treatment of skin cancer of the head and neck. *J Eur Acad Dermatol Venereol* 26(10):1323-1325, 2012
11. Nakamura Y, Satomi K, Noguchi M, Shibata-Ito M, Fujisawa Y, Kawachi Y, Otsuka F. Incidental gastric signet-ring cell carcinoma metastasis to the skin in basal cell carcinoma. *Acta Derm Venereol* 92(6):635-636, 2012
12. Nakamura Y, Shibata-Ito M, Nakamura Y, Ishitsuka Y, Fujisawa Y, Kawachi Y, Otsuka F. Malignant blue nevus arising in a giant congenital cellular blue nevus in an infant. *Pediatr Dermatol* 29(5):651-655, 2012
13. Namikawa K, Yamazaki N, Nakai Y, Ihn H, Tomita Y, Uhara H, Takenouchi T, Kiyohara Y, Moroi Y, Yamamoto Y, Otsuka F, Kamiya H, Iizuka H, Hatta N, Kadono T. Prediction of

- additional lymph node positivity and clinical outcome of micrometastases in sentinel lymph nodes in cutaneous melanoma: a multi-institutional study of 450 patients in Japan. *J Dermatol* 39(2):130-137, 2012
14. Uhara H, Yamazaki N, Takata M, Inoue Y, Sakakibara A, Nakamura Y, Suehiro K, Yamamoto A, Kamo R, Mochida K, Takenaka H, Yamashita T, Takenouchi T, Yoshikawa S, Takahashi A, Uehara J, Kawai M, Iwata H, Kadono T, Kai Y, Watanabe S, Murata S, Ikeda T, Fukamizu H, Tanaka T, Hatta N, Saida T. Applicability of radiocolloids, blue dyes and fluorescent indocyanine green to sentinel node biopsy in melanoma. *J Dermatol* 39(4):336-338, 2012

b) 英文以外の論文

1. 佐々木千裕, 安田貢, 萩谷圭一, 下條信威, 河野了, 鬼澤沙織, 中村泰大, 水谷太郎. 日本におけるフッ化水素酸化学熱傷報告の治療方法に関する文献的考察. 日本臨床救急医学会雑誌 15(4):479-484, 2012
2. 藤澤康弘, 大塚藤男, 日本皮膚悪性腫瘍学会皮膚癌予後統計調査委員会悪性黒色腫全国追跡調査グループ. 術後補助療法 (DAVFeron、フェロン療法、フェロン維持療法)は悪性黒色腫ステージII・III患者の予後を改善するか 831例の解析. 日本皮膚科学会雑誌 122(9):2305-2311, 2012
3. 藤澤康弘, 大塚藤男, 山本明史, 山崎直也, 斎田俊明, 石原和之. 本邦における悪性黒色腫の統計:2006, 2007年度全国定点調査と2005～2010年度全国追跡調査の集計. *Skin Cancer* 27:195-204, 2012
4. 藤澤康弘, 中村泰大, 丸山浩, 中村貴之, 川内康弘, 大塚藤男. インドシアニングリーンを用いた蛍光法によるセンチネルリンパ節生検50例のまとめ. 日本皮膚科学会雑誌 122:2875-2884, 2012

d) 英文以外の著書

1. 大塚藤男. プライマリケアのための鑑別診断のポイント. あざ(母斑); "今日の皮膚疾患治療指針 (第4版)" (編集 塩原哲夫ら), 医学書院 (東京) 2012; pp113-117
2. 大塚藤男. 母斑、母斑症. 神経線維腫症 1 型、2 型; "今日の皮膚疾患治療指針 (第 4 版)" (編集 塩原哲夫ら), 医学書院 (東京) 2012; pp645-648
3. 大塚藤男. 母斑、母斑症. 結節性硬化症; "今日の皮膚疾患治療指針 (第 4 版)" (編集 塩原哲夫ら), 医学書院 (東京) 2012; pp648-650
4. 川内康弘. 脂肪類壊死症;"日経メディクイズ「皮膚」鑑別診断の基本"(監修 中川秀巳, 編集 日経メディカル), 日経 BP 社(東京)2012; pp99-100
5. 中村泰大. 壊死物質を伴った下腿潰瘍(一次性あるいは二次性静脈瘤による)にデブリードマンは有用か? "創傷・熱傷ガイドライン" (編集 日本皮膚科学会創傷・熱傷ガイドライン策定委員会), 金原出版 (東京) 2012; pp229
6. 中村泰大. 二次性静脈瘤に静脈瘤手術(高位結紮, 静脈抜去術など)を行うことは有用か?; "創傷・熱傷ガイドライン" (編集 日本皮膚科学会創傷・熱傷ガイドライン策定委員会), 金原出版

(東京) 2012; pp234

気候変動と健康

a) 英文論文

1. Hoshi SL, Kondo M, Okubo I. Cost-effective policy option in launching a community-based pneumococcal vaccination program among the elderly in Japan. *Ageing Research* 4:53-60, 2012
2. Hoshi SL, Kondo M, Okubo I. Economic evaluation of vaccination programme of 7-valent pneumococcal conjugate vaccine to the birth cohort in Japan. *Vaccine* 30(22):3320-3328, 2012
3. Kondo M, Hoshi SL, Ishiguro H, Toi M. Economic evaluation of the 70-gene prognosis-signature (MammaPrint®) in hormone receptor-positive, lymph node-negative, human epidermal growth factor receptor type 2-negative early stage breast cancer in Japan. *Breast Cancer Res Treat* 133(2):759-768, 2012
4. Kondo M, Ono M, Nakazawa K, Kayaba M, Minakuchi E, Sugimoto K, Honda Y. Population at high-risk of indoor heatstroke: the usage of cooling appliances among urban elderlies in Japan. *Environ Health Prev Med* doi: 10.1007/s12199-012-0313-7., 2012
5. Kondo M, Yamagata K, Hoshi SL, Saito C, Asahi K, Moriyama T, Tsuruya K, Yoshida H, Iseki K, Watanabe T. Cost-effectiveness of chronic kidney disease mass screening test in Japan. *Clin Exp Nephrol* 16(2):279-291, 2012
6. Kondo M, Yamamura M, Hoshi SL, Okubo I. Demand for pneumococcal vaccination under subsidy program for the elderly in Japan. *BMC Health Serv Res* 12:313, 2012
7. Sugimoto K, Likhvar V, Okubo I, Yinlong J, Honda Y. Analysis of relation between temperature and mortality in three cities in China by using lag model: A comparison of Harbin, Nanjing and Guangzhou. *Minzoku Eisei* 78:16-26, 2012
8. Takada M, Sugimoto M, Naito Y, Moon HG, Han W, Noh DY, Kondo M, Kuroi K, Sasano H, Inamoto T, Tomita M, Toi M. Prediction of axillary lymph node metastasis in primary breast cancer patients using a decision tree-based model. *BMC Med Inform Decis Mak* 12:54, 2012
9. Takada M, Sugimoto M, Ohno S, Kuroi K, Sato N, Bando H, Masuda N, Iwata H, Kondo M, Sasano H, Chow LW, Inamoto T, Naito Y, Tomita M, Toi M. Predictions of the pathological response to neoadjuvant chemotherapy in patients with primary breast cancer using a data mining technique. *Breast Cancer Res Treat* 134(2):661-670, 2012
10. Yamagishi K, Sato S, Kitamura A, Kiyama M, Okada T, Tanigawa T, Ohira T, Imano H, Kondo M, Okubo I, Ishikawa Y, Shimamoto T, Iso H, CIRCS Investigators. Cost-effectiveness and budget impact analyses of a long-term hypertension detection and control program for stroke prevention. *J Hypertens* 30(9):1874-1879, 2012

b) 英文以外の論文

1. 新小田春美, 末次美子, 加藤則子, 浅見恵梨子, 神山潤, 内村直尚, 樗木晶子, 西岡和男, 大久保一郎, 松本一弥, 南部由美子, 加来恒壽. 幼児の遅寝をもたらす親子の睡眠生活習慣の分析. 福岡医学雑誌 103(1):12-23, 2012

2. 曾根稔雅, 中谷直樹, 遠又靖丈, 相田潤, 大久保一郎, 大原里子, 大渕修一, 杉山みち子, 安村誠司, 鈴木隆雄, 辻一郎. 介護予防サービス利用者における日常生活の過ごし方と要介護認定等の推移との関連. 日本衛生学雑誌 67(3):401-407, 2012
3. 田野井真美, 水本徳明, 大久保一郎. 中学校教員のワーク・ライフ・バランス生活時間と役割葛藤の視点から. 日本家政学雑誌 63:725-736, 2012
4. 山岸良匡, 大久保一郎, 佐藤眞一, 北村明彦, 木山昌彦, 岡田武夫, 谷川武, 大平哲也, 今野弘規, 近藤正英, 石川善紀, 嶋本喬, 磯博康. 長期的な脳卒中予防対策に関する費用効果分析 自治体の視点から見た分析. 日本循環器病予防学会誌 47(3):223-230, 2012

d) 英文以外の著書

1. 本田靖. 第七章. 健康への影響; "地球温暖化はどれくらい「怖い」か? 温暖化リスクの全体像を探る(初版)" (編集 江守正多), 技術評論社 (東京) 2012; pp221-248