

1 論文・著書等（英語）

1. Amagai A, Takahashi F, Usui T, Abe T, Maeda Y. Induction of macrocyst wall formation by ZYG1 in *Dictyostelium discoideum*. *Research Journal of Developmental Biology*, 2014 ; 1
2. Dong Y, Ito T, Velayo C, Sato T, Iida K, Endo M, Funamoto K, Sato N, Yaegashi N, Kimura Y. Intrauterine ischemic reperfusion switches the fetal transcriptional pattern from HIF-1 α to P53-dependent regulation in the murine brain. *PLoS One*, 2014 ; 9 : e110577
3. Haba G, Nishigori H, Sasaki M, Kudo K, Matumura Y, Sugiyama T, Kagami K, Tezuka Y, Sanbe A, Nishigori H. Altered magnetic resonance images of brain and social behaviours of hatching, and expression of thyroid hormone receptor beta mRNA in cerebellum of embryos after Methimazole administration. *Psychopharmacology*, 2014 ; 231 : 221-230
4. Himuro H, Sugiyama T, Nishigori H, Masatoshi S, Sugawara J, Yaegashi N. A case of a woman with late-pregnancy-onset DKA who had normal glucose tolerance in the first trimester. *Endocrinol Diabetes & Metabolism Case Reports*, 2014 ; 13 : 85
5. Hiura H, Okae H, Chiba H, Miyauchi N, Sato F, Sato A, Arima T. Imprinting methylation errors in ART. *Reproductive Medicine and Biology*, 2014 ; 13 : 193-202
6. Ihara M, Meyer-Ficca ML, Leu NA, Rao S, Li F, Gregory BD, Zalenskaya IA, Schultz RM, Meyer RG. Paternal poly (ADP-ribose) metabolism modulates retention of inheritable sperm histones and early embryonic gene expression. *PLoS Genetics*, 2014 ; 10 : e1004317
7. Imai E, Tsubota-Utsugi M, Kikuya M, Satoh M, Inoue R, Hosaka M, Metoki H, Fukushima N, Kurimoto A, Hirose T, Asayama K, Imai Y, Ohkubo T. Animal protein intake is associated with higher-level functional capacity in elderly adults : the Ohasama study. *Journal of the American Geriatrics Society*, 2014 ; 62 : 426-434
8. Kang E, Wu G, Ma H, Li Y, Tippner-Hedges R, Tachibana M, Sparman M, Wolf DP, Schöler HR, Mitalipov S. Nuclear reprogramming by interphase cytoplasm of two-cell mouse embryos. *Nature*, 2014 ; 509 : 101-104
9. Keelan JA, Kemp MW, Payne MS, Johnson D, Stock SJ, Saito M, Fernandes P, Newnham JP. Maternal administration of solithromycin, a new, potent, broad-spectrum fluoroketolide antibiotic, achieves fetal and intra-amniotic antimicrobial protection in a pregnant sheep model. *Antimicrobial Agents and Chemotherapy*, 2014 ; 58 : 447-454

10. Kemp MW, Miura Y, Payne MS, Jobe AH, Kallapur SG, Saito M, Stock SJ, Spiller OB, Ireland DJ, Yaegashi N, Clarke M, Hahne D, Rodger J, Keelan JA, Newnham JP. Maternal intravenous administration of azithromycin results in significant fetal uptake in a sheep model of second trimester pregnancy. *Antimicrobial Agents and Chemotherapy*, 2014 ; 58 : 6581-6591
11. Kemp MW, Miura Y, Payne MS, Watts R, Megharaj S, Jobe AH, Kallapur SG, Saito M, Spiller OB, Keelan JA, Newnham JP. Repeated maternal intramuscular or intraamniotic erythromycin incompletely resolves intrauterine *Ureaplasma parvum* infection in a sheep model of pregnancy. *American Journal of Obstetrics & Gynecology*, 2014 ; 211 : e1-9
12. Kitanishi R, Matsuda T, Watanabe S, Saito M, Hanita T, Watanabe T, Kobayashi Y. Cerebral ischemia or intrauterine inflammation promotes differentiation of oligodendroglial precursors in preterm ovine fetuses : possible cellular basis for white matter injury. *Tohoku Journal of Experimental Medicine*, 2014 ; 234 : 299-307
13. Ma H, Morey R, O'Neil RC, He Y, Daughtry B, Schultz MD, Hariharan M, Nery JR, Castanon R, Sabatini K, Thiagarajan RD, Tachibana M, Kang E, Tippner-Hedges R, Ahmed R, Gutierrez NM, Van Dyken C, Polat A, Sugawara A, Sparman M, Gokhale S, Amato P, Wolf DP, Ecker JR, Laurent LC, Mitalipov S. Abnormalities in human pluripotent cells due to reprogramming mechanisms. *Nature*, 2014 ; 511 : 177-183
14. Marzbanrad F, Kimura Y, Funamoto K, Sugibayashi R, Endo M, Ito T, Palaniswami M, Khandoker AH. Automated estimation of fetal cardiac timing events from Doppler ultrasound signal using hybrid models. *IEEE Journal of Biomedical and Health Informatics*, 2014 ; 18 : 1169-1177
15. Mashiko S, Kitatani K, Toyoshima M, Ichimura A, Dan T, Usui T, Ishibashi M, Shigeta S, Nagase S, Miyata T, Yaegashi N. Inhibition of plasminogen activator inhibitor-1 is a potential therapeutic strategy in ovarian cancer. *Cancer Biology & Therapy*, 2015 ; 16 : 253-260
16. Matsumoto A, Satoh M, Kikuya M, Ohkubo T, Hirano M, Inoue R, Hashimoto T, Hara A, Hirose T, Obara T, Metoki H, Asayama K, Hosokawa A, Totsune K, Hoshi H, Hosokawa T, Sato H, Imai Y. Day-to-day variability in home blood pressure is associated with cognitive decline : the Ohasama study. *Hypertension*, 2014 ; 63 : 1333-1338
17. Matsuo K, Cahoon SS, Gualtieri M, Scannell CA, Jung CE, Takano T, Paulson RJ, Muderspach LI, Roman LD. Significance of adenomyosis on tumor progression and survival outcome of endometrial cancer. *Annals of Surgical Oncology*, 2014 ; 21 : 4246-4255

18. Matsuzaki H, Unno N, Matsuda Y, Nakabayashi M, Takeda S, Mitsuda N, Sugawara J, Yoshizato T, Yoshida A. Annual report of perinatology committee, Japan Society of Obstetrics and Gynecology, 2013 : development of perinatal emergency care systems and suggestions. *Journal of Obstetrics and Gynaecology Research*, 2014 ; 40 : 335
19. Miura Y, Payne MS, Keelan JA, Noe A, Carter S, Watts R, Spiller OB, Jobe AH, Kallapur SG, Saito M, Stock SJ, Newnham JP, Kemp MW. Maternal intravenous treatment with either azithromycin or solithromycin clears *Ureaplasma parvum* from the amniotic fluid in an ovine model of intrauterine infection. *Antimicrobial Agents and Chemotherapy*, 2014 ; 58 : 5413-5420
20. Miyazaki O, Sawai H, Murotsuki J, Nishimura G, Horiuchi T. Nationwide radiation dose survey of computed tomography for fetal skeletal dysplasias. *Pediatric Radiology*, 2014 ; 44 : 971-979
21. Nagai T, Niikura H, Okamoto S, Nakabayashi K, Matoda M, Utsunomiya H, Nagase S, Watanabe M, Takeshima N, Yaegashi N. A New Diagnostic Method for Rapid Detection of Lymph Node Metastases Using a One-Step Nucleic Acid Amplification (OSNA) Assay in Endometrial Cancer. *Annals of Surgical Oncology*, 2015 ; 22 : 980-986
22. Nagase S, Suzuki F, Tokunaga T, Toyoshima M, Utsunomiya H, Niikura H, Yaegashi N. Molecular Pathogenesis of Uterine Serous Carcinoma *Current Obstetrics and Gynecology Reports*, 2014 ; 3 : 33-39
23. Nishigori H, Kagami K, Nishigori H. Impaired imprinting and social behaviours in chicks exposed to mifepristone, a glucocorticoid receptor antagonist, during the final week of embryogenesis. *Behaviour Brain Research*, 2014 ; 261 : 134-139
24. Nishigori H, Kagami K, Tezuka Y, Sanbe A, Nishigori H. Caffeine exposure during late chick embryogenesis alters hatchability and plasma thyroid hormone levels. *Journal of Caffeine Research*, 2014 ; 4 : 75-82
25. Nishigori H, Sugawara J, Obara T, Nishigori T, Sato K, Sugiyama T, Okamura K, Yaegashi N. Surveys of postpartum depression in Miyagi, Japan, after the Great East Japan Earthquake. *Archives of Women's Mental Health*, 2014 ; 17 : 579-581
26. Okada M, Ikegawa S, Morioka M, Yamashita A, Saito A, Sawai H, Murotsuki J, Ohashi H, Okamoto T, Nishimura G, Imaizumi K, Tsumaki N. Modeling type II collagenopathy skeletal dysplasia by directed conversion and induced pluripotent stem cells. *Human Molecular Genetics*, 2014 ; 23 : 299-313

27. Okae H, Chiba H, Hiura H, Hamada H, Sato A, Utsunomiya T, Kikuchi H, Yoshida H, Tanaka A, Suyama M, Arima. Genome-wide analysis of DNA methylation dynamics during early human development. *PLoS Genetics*, 2014 ; 10 : e1004868
28. Okae H, Matoba S, Nagashima T, Mizutani E, Inoue K, Ogonuki N, Chiba H, Funayama R, Tanaka S, Yaegashi N, Nakayama K, Sasaki H, Ogura A, Arima T. RNA sequencing-based identification of aberrant imprinting in cloned mice. *Human Molecular Genetics*, 2014 ; 23 : 992-1001
29. Okamoto A, Glasspool RM, Mabuchi S, Matsumura N, Nomura H, Itamochi H, Takano M, Takano T, Susumu N, Aoki D, Konishi I, Covens A, Ledermann J, Mezzazanica D, Steer C, Millan D, McNeish IA, Pfisterer J, Kang S, Gladieff L, Bryce J, Oza A. Gynecologic Cancer InterGroup (GFIG) consensus review for clear cell carcinoma of the ovary. *International Journal of Gynecological Cancer*, 2014 ; 24 : 20-25
30. Otsuki A, Otsuki T, Tokunaga H, Niikura H, Nagase S, Sugiyama T, Toyoshima M, Utsunomiya H, Yokoyama Y, Mizunuma H, Sato N, Terada Y, Shoji T, Sugiyama T, Nakahara K, Ohta T, Yamada H, Tase T, Nishiyama H, Fujimori K, Takano T, Takahashi F, Watanabe Y, Yaegashi N. Evaluation of Postoperative Chemotherapy in Patients with Uterine Carcinosarcoma : A Retrospective Survey of the Tohoku Gynecologic Cancer Unit. *International Journal of Clinical Oncology*, 2015 ; 20 : 574-578
31. Payne MS, Kemp MW, Kallapur SG, Kannan PS, Saito M, Miura Y, Newnham JP, Stock S, Ireland DJ, Kramer BW, Jobe AH. Intrauterine *Candida albicans* infection elicits severe inflammation in fetal sheep. *Pediatric Research*, 2014 ; 75 : 716-722
32. Perry DM, Newcomb B, Adada M, Wu BX, Roddy P, Kitatani K, Siskind L, Obeid LM, Hannun YA. Defining a role for acid sphingomyelinase in the p38/interleukin-6 pathway. *Journal of Biological Chemistry*, 2014 ; 289 : 22401-22412
33. Saito M, Payne MS, Miura Y, Ireland DJ, Stock S, Kallapur SG, Kannan PS, Newnham JP, Kramer BW, Jobe AH, Keelan JA, Kemp MW. Polymyxin B agonist capture therapy for intrauterine inflammation : proof-of-principle in a fetal ovine model. *Reproductive Sciences*, 2014 ; 21 : 623-631
34. Sato N, Takagi K, Suzuki T, Miki Y, Tanaka S, Nagase S, Warita H, Fukudo S, Sato F, Sasano H, Ito K. Immunolocalization of corticotropin-releasing hormone (CRH) and its receptors (CRHR1 and CRHR2) in human endometrial carcinoma : CRHR1 as a potent prognostic factor. *International Journal of Gynecological Cancer*, 2014 ; 24 : 1549-1557

35. Sato T, Sugiyama T, Kurakata M, Saito M, Sugawara J, Yaegashi N, Sagawa N, Sanaka M, Akazawa S, Anazawa S, Waguri M, Sameshima H, Hiramatsu Y, Toyoda N, The Japan Diabetes and Pregnancy Study Group. Pregnancy outcomes in women with type1 and type2 diabetes mellitus in a retrospective multi-institutional study in Japan. *Endocrine Journal*, 2014 ; 61 : 759-764
36. Satoh M, Hosaka M, Asayama K, Kikuya M, Inoue R, Metoki H, Utsugi MT, Hara A, Hirose T, Obara T, Mori T, Totsune K, Hoshi H, Mano N, Imai Y, Ohkubo T. Aldosterone-to-renin ratio and nocturnal blood pressure decline assessed by self-measurement of blood pressure at home : the Ohasama Study. *Clinical and Experimental Hypertension*, 2014 ; 36 : 108-114
37. Satoh M, Matsumoto A, Hara A, Iwamori S, Obara T, Kikuya M, Metoki H, Hosaka M, Asayama K, Takahashi N, Sato H, Mano N, Imai Y, Ohkubo T A survey of self-medication practices and related factors in the general population : the Ohasama study. *Yakugaku Zasshi*, 2014 ; 134 : 1347-1355
38. Shoji T, Takatori E, Kaido Y, Omi H, Yokoyama Y, Mizunuma H, Kaiho M, Otsuki T, Takano T, Yaegashi N, Nishiyama H, Fujimori K, Sugiyama T. A phase I study of irinotecan and pegylated liposomal doxorubicin in recurrent ovarian cancer (Tohoku Gynecologic Cancer Unit 104 study). *Cancer Chemotherapy and Pharmacology*, 2014 ; 73 : 895-901
39. Suenaga K, Kitahara S, Suzuki Y, Kobayashi M, Horie S, Sugawara J, Yaegashi N, Sato Y. Role of the vasohibin family in the regulation of fetoplacental vascularization and syncytiotrophoblast formation. *PLoS One*, 2014 ; 9 : e104728
40. Sugiyama T, Metoki H, Hamada H, Nishigori H, Saito M, Yaegashi N, Kusaka H, Kawano R, Ichihara K, Yasuhi I, Hiramatsu Y, Sagawa N. The Japan Gestational Diabetes Study Group. A retrospective multi-institutional study of treatment for mild gestational diabetes in Japan. *Diabetes Research and Clinical Practice*, 2014 ; 103 : 412-418
41. Sugiyama T, Nagao K, Metoki H, Nishigori H, Saito M, Tokunaga H, Nagase S, Sugawara J, Watanabe Y, Yaegashi N, Sagawa N, Sanaka M, Akazawa S, Anazawa S, Waguri M, Sameshima H, Hiramatsu Y, Toyoda N. The Japan Diabetes and Pregnancy Study Group. Pregnancy outcomes of gestational diabetes mellitus according to pregestational BMI in a retrospective multi-institutional study in Japan. *Endocrine Journal*, 2014 ; 61 : 373-380

42. Sugiyama T, Saito M, Nishigori H, Nagase S, Yaegashi N, Sagawa N, Kawano R, Ichihara K, Sanaka M, Akazawa S, Anazawa S, Waguri M, Sameshima H, Hiramatsu Y, Toyoda N, The Japan Diabetes and Pregnancy Study Group. Comparison of pregnancy outcomes between women with gestational diabetes and overt diabetes in a retrospective multi-institutional study in Japan. *Diabetes Research and Clinical Practice*, 2014 ; 103 : 20-25
43. Tadakawa M, Sugawara J, Saito M, Nishigori H, Utsunomiya H, Nagase S, Tokunaga H, Kurakata-Nakamura M, Sugiyama T, Yaegashi N. Fertility and pregnancy outcomes following B-Lynch sutures for post-partum hemorrhage. *Journal of Obstetrics and Gynaecology Research*, 2015 ; 41 : 559-564
44. Tadakawa M, Takeda T, Li B, Tsuiji K, Yaegashi N. The anti-diabetic drug metformin inhibits vascular endothelial growth factor expression via the mammalian target of rapamycin complex 1/hypoxia-inducible factor-1 α signaling pathway in ELT-3 cells. *Molecular and Cellular Endocrinology*, 2014 ; 399 : 1-8
45. Takano T, Niikura H, Ito K, Nagase S, Utsunomiya H, Otsuki T, Toyoshima M, Tokunaga H, Kaiho-Sakuma M, Shiga N, Nagai T, Tanaka S, Otsuki A, Kurosawa H, Shigeta S, Tsuji K, Yamaguchi T, Yaegashi N. Feasibility study of gemcitabine plus docetaxel in advanced or recurrent uterine leiomyosarcoma and undifferentiated endometrial sarcoma in Japan. *International Journal of Clinical Oncology*, 2014 ; 19 : 897-905
46. Takano T, Otsuki T, Tokunaga H, Toyoshima M, Utsunomiya H, Nagase S, Niikura H, Ito K, Yaegashi N, Yamada H, Tase T, Kagabu M, Shoji T, Sugiyama T, Sato N, Fujimoto T, Terada Y, Nakahara K, Kurachi H, Yokoyama Y, Mizunuma H, Soeda S, Nishiyama H, Matsumoto T, Sato S, Shimada M, Kigawa J. Paclitaxel-carboplatin for advanced or recurrent carcinosarcoma of the uterus : the Japan Uterine Sarcoma Group and Tohoku Gynecologic Cancer Unit Study. *International Journal of Clinical Oncology*, 2014 ; 19 : 1052-1058
47. Takeshima N, Matoda M, Abe M, Hirashima Y, Kai K, Nasu K, Takano M, Furuya K, Sato S, Itamochi H, Tsubamoto H, Hasegawa K, Terao K, Otsuki T, Kuritani K, Ito K. Efficacy and safety of triple therapy with aprepitant, palonosetron, and dexamethasone for preventing nausea and vomiting induced by cisplatin-based chemotherapy for gynecological cancer : KCOG-G1003 phase II trial. *Supportive Care in Cancer*, 2014 ; 11 : 2891-2898
48. Tanaka S, Miki Y, Hashimoto C, Takagi K, Doe Z, Li B, Yaegashi N, Suzuki T, Ito K. The role of 5 α -reductase type 1 associated with intratumoral dihydrotestosterone concentrations in human endometrial carcinoma. *Molecular and Cellular Endocrinology*, 2014 ; 401 : 56-64

49. Tanaka S, Nagase S, Kaiho-Sakuma M, Nagai T, Kurosawa H, Toyoshima M, Tokunaga H, Otsuki T, Utsunomiya H, Takano T, Niikura H, Ito K, Yaegashi N. Clinical outcome of pelvic exenteration in patients with advanced or recurrent uterine cervical cancer. *International Journal of Clinical Oncology*, 2014 ; 19 : 133-138
50. Tokunaga H, Nakanishi T, Iwata T, Aoki D, Saito T, Nagase S, Takahashi F, Yaegashi N, Watanabe Y. Effects of chemotherapy on patients with recurrent cervical cancer previously treated with concurrent chemoradiotherapy : a retrospective multicenter survey in Japan. *International Journal of Clinical Oncology*, 2015 ; 20 : 561-565
51. Tsubota-Utsugi M, Satoh M, Hosaka M, Inoue R, Asayama K, Hirose T, Metoki H, Kikuya M, Imai Y, Ohkubo T. Personality traits as predictors of decline in higher-level functional capacity over a 7-year follow-up in older adults : the Ohasama study. *Tohoku Journal of Experimental Medicine*, 2014 ; 234 : 197-207
52. Toyoshima M, Iwahashi H, Shima T, Hayasaka A, Kudo T, Makino H, Igeta S, Matsuura R, Ishigaki N, Akagi K, Sakurada J, Suzuki H, Yoshinaga K. Solitary uterine metastasis of invasive lobular carcinoma after adjuvant endocrine therapy: a case report. *Journal of Medical Case Reports*, 2015 ; 18 : 84
53. Velayo C, Ito T, Dong Y, Endo M, Sugibayashi R, Funamoto K, Iida K, Yaegashi N, Kimura Y. Molecular patterns of neurodevelopmental preconditioning : a study of the effects of antenatal steroid therapy in a protein-restriction mouse model *International Scholarly Research Notices Obstetrics and Gynecology*, 2014 ; 193816
54. Watanabe T, Watanabe Z, Watanabe T, Fujimoto K, Sasaki E. Laparoscopic cornuotomy for interstitial pregnancy and postoperative course *Journal of Obstetrics and Gynaecology Research*, 2014 ; 40 : 1983-1988
55. Wolfs TG, Kramer BW, Thuijls G, Kemp MW, Saito M, Willems MG, Senthamarai-Kannan P, Newnham JP, Jobe AH, Kallapur SG. Chorioamnionitis-induced fetal gut injury is mediated by direct gut exposure of inflammatory mediators or by lung inflammation. *American Journal of Physiology-Gastrointestinal and Liver Physiology*, 2014 ; 306 : 382-393
56. Wong TF, Takeda T, Li B, Tsuiji K, Kondo A, Tadakawa M, Nagase S, Yaegashi N. Curcumin targets the AKT-mTOR pathway for uterine leiomyosarcoma tumor growth suppression. *International Journal of Clinical Oncology*, 2014 ; 19 : 354-363

57. Yazama H, Kitatani K, Fujiwara K, Kato M, Hashimoto-Nishimura M, Kawamoto K, Hasegawa K, Kitano H, Bielawska A, Bielawski J, Okazaki T. Dietary glucosylceramides suppress tumor growth in a mouse xenograft model of head and neck squamous cell carcinoma by the inhibition of angiogenesis through an increase in ceramide. ***International Journal of Clinical Oncology***, 2015 ; 20 : 436-446
58. Yokoyama Y, Futagami M, Watanabe J, Sato N, Terada Y, Miura F, Sugiyama T, Takano T, Yaegashi N, Kojimahara T, Kurachi H, Nishiyama H, Fujimori K, Tase T, Mizunuma H. Redistribution of resistance and sensitivity to platinum during the observation period following treatment of epithelial ovarian cancer. ***Molecular and Clinical Oncology***, 2014 ; 2 : 212-218
- [in press]***
59. Miura Y, Saito J, Shimanuki Y, Takeyama J, Murotsuki J. Diagnosis and treatment of a preterm infant with inoperable congenital hepatoblastoma- a case report. ***Journal of Pediatric Hematology Oncology***, 2014 ; *in press*
60. Tokunaga H, Watanabe Y, Niikura H, Nagase S, Toyoshima M, Shiro R, Yokoyama Y, Mizunuma H, Ohta T, Nishiyama H, Watanabe T, Sato N, Sugiyama T, Takano T, Takahashi F, Yaegashi N. Outcomes of Abdominal Radical Trachelectomy : Results of a Multicenter Prospective Cohort Study in a Tohoku Gynecologic Cancer Unit. ***International Journal of Clinical Oncology***, 2014 ; *in press*