

1 論文・著書等（英語）

1. Baba S, Kimura T, Ikehara S, Honjo K, Eshak ES, Sato T, Iso H ; Japan Environment & Children's Study Group (Kawamoto T, Saito H, Kishi R, Yaegashi N, Hashimoto K, Mori C, Ito S, Yamagata Z, Inadera H, Kamijima M, Nakayama T, Iso H, Shima M, Hirooka Y, Suganuma N, Kusuhara K, Katoh T). Impact of intention and feeling toward being pregnant on postpartum depression : The Japan Environment and Children's Study (JECS). *Archives of Women's Mental Health*, 2020 ; 23 : 1 : 131-137
2. Bhattacharya B, Home P, Ganguly A, Ray S, Ghosh A, Islam MR, French V, Marsh C, Gunewardena S, Okae H, Arima T, Paul S. Atypical protein kinase C iota (PKC λ / ι) ensures mammalian development by establishing the maternal-fetal exchange interface. *Proceedings of the National Academy of Sciences of the United States of America*, 2020 ; 117 : 25 : 14280-14291
3. Castel G, Meistermann D, Bretin B, Firmin J, Blin J, Loubersac S, Bruneau A, Chevolleau S, Kilens S, Chariau C, Gaignerie A, Francheteau Q, Kagawa H, Charpentier E, Flipse L, François-Campion V, Haider S, Dietrich B, Knöfler M, Arima T, Bourdon J, Rivron N, Masson D, Fournier T, Okae H, Fréour T, David L. Induction of human trophoblast stem cells from somatic cells and pluripotent stem cells. *Cell Reports*, 2020 ; 33 : 8 : 108419
4. Cinkornpumin JK, Kwon SY, Guo Y, Hossain I, Sirois J, Russett CS, Tseng HW, Okae H, Arima T, Duchaine TF, Liu W, Pastor WA. Naive human embryonic stem cells can give rise to cells with a trophoblast-like transcriptome and methylome. *Stem Cell Reports*, 2020 ; 15 : 1 : 198-213
5. Ebina-Shibuya R, Namkoong H, Shibuya Y, Horita N. Multisystem inflammatory syndrome in children (MIS-C) with COVID-19: Insights from simultaneous familial kawasaki disease cases. *International Journal of Infectious Diseases*, 2020 ; 97 : 371-373
6. Hara-Isono K, Matsubara K, Mikami M, Arima T, Ogata T, Fukami M, Kagami M. Assisted reproductive technology represents a possible risk factor for development of epimutation-mediated imprinting disorders for mothers aged ≥ 30 years. *Clinical Epigenetics*, 2020 ; 12 : 1 : 111
7. Hasegawa K, Shimada M, Takeuchi S, Fujiwara H, Imai Y, Iwasa N, Wada S, Eguchi H, Oishi T, Sugiyama T, Suzuki M, Nishiyama M, Fujiwara K. A phase 2 study of intraperitoneal carboplatin plus intravenous dose-dense paclitaxel in front-line treatment of suboptimal residual ovarian cancer. *British Journal of Cancer*, 2020 ; 122 : 6 : 766-770
8. Hayashi R, Kasahara Y, Hidema S, Fukumitsu S, Nakagawa K, Nishimori K. Oxytocin ameliorates impaired behaviors of high fat diet-induced obese mice. *Frontiers in Endocrinology*, 2020 ; 11 : 379

9. Hayashi T, Abiko K, Mandai M, Yaegashi N, Konishi I. Highly conserved binding region of ACE2 as a receptor for SARS-CoV-2 between humans and mammals. *Veterinary Quarterly*, 2020 ; 40 : 1 : 243-249
10. Hayashi T, Sano K, Aburatani H, Yaegashi N, Konishi I. Initialization of epithelial cells by tumor cells in a metastatic microenvironment. *Oncogene*, 2020 ; 39 : 12 : 2638-2640
11. Hayashi T, Sano K, Ichimura T, Kanai Y, Zharhary D, Aburatani H, Yaegashi N, Konishi I. Characteristics of leiomyosarcoma : Induction of hematogenous metastasis by isolated uterine mesenchymal tumor stem-like cells. *Anticancer Research*, 2020 ; 40 : 3 : 1255-1265
12. Hayashi Y, Mori M, Igarashi K, Tanaka K, Takehara A, Ito-Matsuoka Y, Kanai A, Yaegashi N, Soga T, Matsui Y. Proteomic and metabolomic analyses uncover sex-specific regulatory pathways in mouse fetal germline differentiation. *Biology of Reproduction*, 2020 ; 103 : 4 : 717-735
13. Heymans C, de Lange IH, Hütten MC, Lenaerts K, de Ruijter NJE, Kessels LCGA, Rademakers G, Melotte V, Boesmans W, Saito M, Usuda H, Stock SJ, Spiller OB, Beeton ML, Payne MS, Kramer BW, Newnham JP, Jobe AH, Kemp MW, van Gemert WG, Wolfs TGAM. Chronic intra-uterine ureaplasma parvum infection induces injury of the enteric nervous system in ovine fetuses. *Frontiers in Immunology*, 2020 ; 11 : 189
14. Heymans C, de Lange IH, Hütten MC, Lenaerts K, de Ruijter NJE, Kessels LCGA, Rademakers G, Melotte V, Boesmans W, Saito M, Usuda H, Stock SJ, Spiller OB, Beeton ML, Payne MS, Kramer BW, Newnham JP, Jobe AH, Kemp MW, van Gemert WG, Wolfs TGAM. Corrigendum : Chronic intra-uterine ureaplasma parvum infection induces injury of the enteric nervous system in ovine fetuses. *Frontiers in Immunology*, 2020 ; 11 : 672
15. Hirata T, Nakamura T, Kogure M, Tsuchiya N, Narita A, Miyagawa K, Nochioka K, Uruno A, Obara T, Nakaya N, Metoki H, Kikuya M, Sugawara J, Kuriyama S, Tsuji I, Kure S, Hozawa A. Reduced sleep efficiency, measured using an objective device, was related to an increased prevalence of home hypertension in Japanese adults. *Hypertension Research*, 2020 ; 43 : 1 : 23-29
16. Ishida N, Aoki Y, Katsuoka F, Nishijima I, Nobukuni T, Anzawa H, Bin L, Tsuda M, Kumada K, Kudo H, Terakawa T, Otsuki A, Kinoshita K, Yamashita R, Minegishi N, Yamamoto M. Landscape of electrophilic and inflammatory stress-mediated gene regulation in human lymphoblastoid cell lines. *Free Radical Biology and Medicine*, 2020 ; 161 : 71-83

17. Ishigaki K, Akiyama M, Kanai M, Takahashi A, Kawakami E, Sugishita H, Sakaue S, Matoba N, Low SK, Okada Y, Terao C, Amariuta T, Gazal S, Kochi Y, Horikoshi M, Suzuki K, Ito K, Koyama S, Ozaki K, Niida S, Sakata Y, Sakata Y, Kohno T, Shiraishi K, Momozawa Y, Hirata M, Matsuda K, Ikeda M, Iwata N, Ikegawa S, Kou I, Tanaka T, Nakagawa H, Suzuki A, Hirota T, Tamari M, Chayama K, Miki D, Mori M, Nagayama S, Daigo Y, Miki Y, Katagiri T, Ogawa O, Obara W, Ito H, Yoshida T, Imoto I, Takahashi T, Tanikawa C, Suzuki T, Sinozaki N, Minami S, Yamaguchi H, Asai S, Takahashi Y, Yamaji K, Takahashi K, Fujioka T, Takata R, Yanai H, Masumoto A, Koretsune Y, Kutsumi H, Higashiyama M, Murayama S, Minegishi N, Suzuki K, Tanno K, Shimizu A, Yamaji T, Iwasaki M, Sawada N, Uemura H, Tanaka K, Naito M, Sasaki M, Wakai K, Tsugane S, Yamamoto M, Yamamoto K, Murakami Y, Nakamura Y, Raychaudhuri S, Inazawa J, Yamauchi T, Kadowaki T, Kubo M, Kamatani Y. Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. *Nature Genetics*, 2020 ; 52 : 7 : 669-679
18. Ishikawa T, Obara T, Jin K, Nishigori H, Miyakoda K, Akazawa M, Nakasato N, Yaegashi N, Kuriyama S, Mano N. Folic acid prescribed to prenatal and postpartum women who are also prescribed antiepileptic drugs in Japan: Data from a health administrative database. *Birth Defects Research*, 2020 ; 112 : 16 : 1224-1233
19. Ishikawa T, Obara T, Kikuchi S, Kobayashi N, Miyakoda K, Nishigori H, Tomita H, Akazawa M, Yaegashi N, Kuriyama S, Mano N. Antidepressant prescriptions for prenatal and postpartum women in Japan: A health administrative database study. *Journal of Affective Disorders*, 2020 ; 264 : 295-303
20. Ishikawa T, Obara T, Nishigori H, Nishigori T, Metoki H, Ishikuro M, Tatsuta N, Mizuno S, Sakurai K, Nishijima I, Murai Y, Fujiwara I, Arima T, Nakai K, Yaegashi N, Kuriyama S, Mano N. Update on the prevalence and determinants of folic acid use in Japan evaluated with 91,538 pregnant women: The Japan Environment and Children's Study. *Journal of Maternal-Fetal & Neonatal Medicine*, 2020 ; 33 : 3 : 427-436
21. Ito K, Kimura R, Konishi H, Ozawa N, Yaegashi N, Ohashi Y, Suzuki M, Kakizoe T. A comparison of liquid-based and conventional cytology using data for cervical cancer screening from The Japan Cancer Society. *Japanese Journal of Clinical Oncology*, 2020 ; 50 : 2 : 138-144
22. Ito T, Sugibayashi R, Sato N, Owada K, Sudo K, Odagiri N, Kasahara Y, Yaegashi N, Kimura Y. Evaluating the reliability of fetal electrocardiogram monitoring that acts via the abdominal wall of pregnant rabbits. *Translational and Regulatory Sciences*, 2020 ; 2 : 1 : 14-18
23. Iwama N, Ishikuro M, Tanaka K, Satoh M, Murakami T, Metoki H. Epidemiological studies regarding hypertensive disorders of pregnancy: A review. *Journal of Obstetrics and Gynaecology Research*, 2020 ; 46 : 9 : 1672-1677

24. Iwama N, Oba MS, Satoh M, Ohkubo T, Ishikuro M, Obara T, Sasaki S, Saito M, Murakami Y, Kuriyama S, Yaegashi N, Hoshi K, Imai Y, Metoki H, BOSHI Study Group. Association of maternal home blood pressure trajectory during pregnancy with infant birth weight: the BOSHI study. *Hypertension Research*, 2020 ; 43 : 6 : 550-559
25. Iwama N, Sugiyama T, Metoki H, Saito M, Hoshiai T, Watanabe Z, Tanaka K, Sasaki S, Sakurai K, Ishikuro M, Obara T, Tatsuta N, Nishigori H, Kuriyama S, Arima T, Nakai K, Yaegashi N ; Japan Environment and Children's Study Group. Associations between glycosylated hemoglobin level at less than 24 weeks of gestation and adverse pregnancy outcomes in Japan: The Japan Environment and Children's Study (JECS). *Diabetes Research and Clinical Practice*, 2020 ; 169 : 108377
26. Jaju Bhattad G, Jeyarajah MJ, McGill MG, Dumeaux V, Okae H, Arima T, Lajoie P, Bérubé NG, Renaud SJ. Histone deacetylase 1 and 2 drive differentiation and fusion of progenitor cells in human placental trophoblasts. *Cell Death and Disease*, 2020 ; 11 : 5 : 311
27. Kasahara Y, Yoshida C, Nakanishi K, Fukase M, Suzuki A, Kimura Y. Alterations in the autonomic nerve activities of prenatal autism model mice treated with valproic acid at different developmental stages. *Scientific Reports*, 2020 ; 10 : 1 : 17722
28. Kemp MW, Saito M, Schmidt AF, Usuda H, Watanabe S, Sato S, Hanita T, Kumagai Y, Takahashi T, Musk GC, Furfaro L, Stinson L, Fee EL, Eddershaw PJ, Payne MS, Smallwood K, Bridges J, Newnham JP, Jobe AH. The duration of fetal antenatal steroid exposure determines the durability of preterm ovine lung maturation. *American Journal of Obstetrics and Gynecology*, 2020 ; 222 : 2 : 183.e1-183.e9
29. Khandoker AH, Wahbah M, Al Sakaji R, Funamoto K, Krishnan A, Kimura Y. Estimating fetal age by fetal maternal heart rate coupling parameters. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2020 ; 604-607
30. Kobayashi N, Nemoto H, Seto M, Sato S, Kikuchi S, Honda N, Suzuki T, Sato K, Sugawara J, Ito K, Kayano R, Ozaki N, Beadling CW, Kelman I, Imamura F, Matsuoka H, Tomita H. Experiences of perinatal women and public healthcare providers in a community affected by the Great East Japan earthquake and tsunami: Concerns that must be considered for the mental healthcare of perinatal women in postdisaster settings. *International Journal of Disaster Risk Reduction*, 2020 ; 51 : 101767
31. Kobori S, Murotsuki J, Watanabe S, Hasegawa H, Kanai H, Yaegashi N, Saito M. Feasibility of non-invasive pulse pressure measurement using the phased-tracking method. *Ultrasound in Medical and Biology*, 2020 ; 46 : 10 : 2711-2716

32. Kogure M, Hirata T, Nakaya N, Tsuchiya N, Nakamura T, Narita A, Miyagawa K, Koshimizu H, Obara T, Metoki H, Uruno A, Kikuya M, Sugawara J, Kuriyama S, Tsuji I, Kure S, Hozawa A. Multiple measurements of the urinary sodium-to-potassium ratio strongly related home hypertension :TMM cohort study. *Hypertension Research*, 2020 ; 43 : 1 : 62-71
33. Komatsu H, Shimada M, Osaku D, Deura I, Sato S, Oishi T, Harada T. Deep vein thrombosis and serum D-dimer after pelvic lymphadenectomy in gynecological cancer. *International Journal of Gynecological Cancer*, 2020 ; 30 : 6 : 860-864
34. Kondo E, Tabata T, Suzuki N, Aoki D, Yahata H, Kotera Y, Tokuyama O, Fujiwara K, Kimura E, Terauchi F, Sumi T, Okamoto A, Yaegashi N, Enomoto T, Sugiyama T. The post-progression survival of patients with recurrent or persistent ovarian clear cell carcinoma :Results from a randomized phase III study in JGOG3017/GCIG. *Journal of Gynecologic Oncology*, 2020 ; 31 : 6 : e94
35. Kudo K, Nomura M, Sakamoto Y, Ito S, Morita M, Kawai M, Yamashita Y, Ito K, Yamada H, Shima H, Yaegashi N, Tanuma N. Divergent metabolic responses dictate vulnerability to NAMPT inhibition in ovarian cancer. *FEBS Letters*, 2020 ; 594 : 9 : 1379-1388
36. Kukimoto I, Matsumoto K, Takahashi F, Iwata T, Tanaka K, Yamaguchi-Naka M, Yamamoto K, Yahata H, Nakabayashi M, Kato H, Tsuda N, Onuki M, Yaegashi N;MINT Study II Group. Human papillomavirus (HPV) genotyping assay suitable for monitoring the impact of the 9-valent HPV vaccine. *Tohoku Journal of Experimental Medicine*, 2020 ; 251 : 4 : 287-294
37. Kumakura S, Okamoto K, Takeuchi S, Yoshida M, Nakamichi T, Nagasawa T, Fujikura E, Yamamoto T, Saito M, Hanita T, Satoh M, Sato H, Ito S, Harigae H, Miyazaki M. Kidney function, blood pressure and proteinuria were associated with pregnancy outcomes of pregnant women with chronic kidney disease :A single-center, retrospective study in the Asian population. *Clinical and Experimental Nephrology*, 2020 ; 24 : 6 : 547-556
38. Kuriyama S, Metoki H, Kikuya M, Obara T, Ishikuro M, Yamanaka C, Nagai M, Matsubara H, Kobayashi T, Sugawara J, Tamiya G, Hozawa A, Nakaya N, Tsuchiya N, Nakamura T, Narita A, Kogure M, Hirata T, Tsuji I, Nagami F, Fuse N, Arai T, Kawaguchi Y, Higuchi S, Sakaida M, Suzuki Y, Osumi N, Nakayama K, Ito K, Egawa S, Chida K, Kodama E, Kiyomoto H, Ishii T, Tsuboi A, Tomita H, Taki Y, Kawame H, Suzuki K, Ishii N, Ogishima S, Mizuno S, Takai-Igarashi T, Minegishi N, Yasuda J, Igarashi K, Shimizu R, Nagasaki M, Tanabe O, Koshiba S, Hashizume H, Motohashi H, Tominaga T, Ito S, Tanno K, Sakata K, Shimizu A, Hitomi J, Sasaki M, Kinoshita K, Tanaka H, Kobayashi T;Tohoku Medical Megabank Project Study Group, Kure S, Yaegashi N, Yamamoto M. Cohort profile :Tohoku Medical Megabank Project birth and three-generation cohort study (TMM BirThree Cohort Study) :Rationale, progress and perspective. *International Journal of Epidemiology*, 2020 ; 49 : 1 : 18-19m

39. Machida H, Iwata T, Okugawa K, Matsuo K, Saito T, Tanaka K, Morishige K, Kobayashi H, Yoshino K, Tokunaga H, Ikeda T, Shozu M, Yaegashi N, Enomoto T, Mikami M. Fertility-sparing trachelectomy for early-stage cervical cancer : A proposal of an ideal candidate. *Gynecologic Oncology*, 2020 ; 156 : 2 : 341-348
40. Machida H, Tokunaga H, Matsuo K, Matsumura N, Kobayashi Y, Tabata T, Kaneuchi M, Nagase S, Mikami M. Survival outcome and perioperative complication related to neoadjuvant chemotherapy with carboplatin and paclitaxel for advanced ovarian cancer : A systematic review and meta-analysis. *European Journal of Surgical Oncology*, 2020 ; 46 : 5 : 868-875
41. Matsuzaki S, Klar M, Mikami M, Shimada M, Grubbs BH, Fujiwara K, Roman LD, Matsuo K. Management of stage IIB cervical cancer : An overview of the current evidence. *Current Oncology Reports*, 2020 ; 22 : 3 : 28
42. Miki Y, Chubachi N, Imamura F, Yaegashi N, Ito K. Impact of COVID-19 restrictions on the research environment and motivation of researchers in Japan. *Progress in Disaster Science*, 2020 ; 8 : 100128
43. Miki Y, Tase T, Tokunaga H, Yaegashi N, Ito K. Cervical cancer screening rates before and after the Great East Japan earthquake in the Miyagi prefecture, Japan. *PLoS One*, 2020 ; 15 : 3 : e0229924
44. Muromoto J, Murotsuki J, Miyashita S, Hasegawa H, Taki H, Kanai H, Yaegashi N. Ultrasound measurement of fetal arterial pulse pressure using phased-tracking methods : A phantom study and clinical experience with antenatal corticosteroid therapy. *Journal of Obstetrics and Gynaecology Research*, 2020 ; 46 : 10 : 1994-2001
45. Nishigori H, Obara T, Nishigori T, Metoki H, Mizuno S, Ishikuro M, Sakurai K, Hamada H, Watanabe Z, Hoshiai T, Arima T, Nakai K, Kuriyama S, Yaegashi N; Miyagi Regional Center of Japan Environment & Children's Study Group. Mother-to-infant bonding failure and intimate partner violence during pregnancy as risk factors for father-to-infant bonding failure at 1 month postpartum : An adjunct study of The Japan Environment and Children's Study. *Journal of Maternal-Fetal & Neonatal Medicine*, 2020 ; 33 : 16 : 2789-2796
46. Nishigori H, Obara T, Nishigori T, Metoki H, Mizuno S, Ishikuro M, Sakurai K, Hamada H, Watanabe Z, Hoshiai T, Arima T, Nakai K, Kuriyama S, Yaegashi N; Miyagi Regional Center of Japan Environment & Children's Study Group. The prevalence and risk factors for postpartum depression symptoms of fathers at one and 6 months postpartum : An adjunct study of The Japan Environment & Children's Study. *Journal of Maternal-Fetal & Neonatal Medicine*, 2020 ; 33 : 16 : 2797-2804

47. Nishihama Y, Tatsuta N, Iwai-Shimada M, Nakai K, Arima T, Fujiwara I, Yaegashi N, Takeuchi A, Nakayama SF; Japan Environment and Children's Study (JECS) Group. The association between gestational use of personal care products and neonatal urological abnormality at birth: The Japan Environment and Children's Study. *Reproductive Toxicology*, 2020 ; 93 : 83-88
48. Nishizawa A, Kumada K, Tateno K, Wagata M, Saito S, Katsuoka F, Mizuno S, Ogishima S, Yamamoto M, Yasuda J, Sugawara J. Analysis of HLA-G long-read genomic sequences in mother-offspring pairs with preeclampsia. *Scientific Reports*, 2020 ; 10 : 1 : 20027
49. Nita R, Kawabata T, Kagawa Y, Nakayama K, Yanagisawa Y, Iwamoto S, Kimura F, Miyazawa T, Tatsuta N, Arima T, Yaegashi N, Nakai K. Associations of erythrocyte fatty acid compositions with FADS1 gene polymorphism in Japanese mothers and infants. *Prostaglandins, Leukotrienes and Essential Fatty Acids*, 2020 ; 152 : 102031
50. Noonan AM, Cousins A, Anderson D, Zeligs KP, Bunch K, Hernandez L, Shibuya Y, Goldlust IS, Guha R, Ferrer M, Thomas CJ, Annunziata CM. Matrix drug screen identifies synergistic drug combinations to augment SMAC mimetic activity in ovarian cancer. *Cancers (Basel)*, 2020 ; 12 : 12 : 3784
51. Ochiai K, Yamaoka M, Swaminathan A, Shima H, Hiura H, Matsumoto M, Kurotaki D, Nakabayashi J, Funayama R, Nakayama K, Arima T, Ikawa T, Tamura T, Sciammas R, Bouvet P, Kundu TK, Igarashi K. Chromatin protein PC4 orchestrates B cell differentiation by collaborating with IKAROS and IRF4. *Cell Reports*, 2020 ; 33 : 12 : 108517
52. Okuda H, Okamoto K, Abe M, Ishizawa K, Makino S, Tanabe O, Sugawara J, Hozawa A, Tanno K, Sasaki M, Tamiya G, Yamamoto M, Ito S, Ishii T. Genome-wide association study identifies new loci for albuminuria in the Japanese population. *Clinical and Experimental Nephrology*, 2020 ; 24 : 8 : 1-9
53. Okuyama J, Sasaki H, Seto S, Fukuda Y, Iwasaki T, Matsuzawa T, Ito K, Izumi T, Takakura H, Imamura F, Ishi T. WBF-2019 core research cluster of disaster science planning session as disaster preparedness: Participation in a training program for conductor-type disaster healthcare personnel. *Journal of Disaster Research*, 2020 ; 15 : 7 : 900-912
54. Onda T, Satoh T, Ogawa G, Saito T, Kasamatsu T, Nakanishi T, Mizutani T, Takehara K, Okamoto A, Ushijima K, Kobayashi H, Kawana K, Yokota H, Takano M, Kanao H, Watanabe Y, Yamamoto K, Yaegashi N, Kamura T, Yoshikawa H; Japan Clinical Oncology Group. Comparison of survival between primary debulking surgery and neoadjuvant chemotherapy for stage III/IV ovarian, tubal and peritoneal cancers in phase III randomised trial. *European Journal of Cancer*, 2020 ; 130 : 114-125

55. Onuki M, Matsumoto K, Iwata T, Yamamoto K, Aoki Y, Maenohara S, Tsuda N, Kamiura S, Takahara K, Horie K, Tasaka N, Yahata H, Takei Y, Aoki Y, Kato H, Motohara T, Nakamura K, Ishikawa M, Kato T, Yoshida H, Matsumura N, Nakai H, Shigeta S, Takahashi F, Noda K, Yaegashi N, Yoshikawa H. Human papillomavirus genotype contribution to cervical cancer and precancer : Implications for screening and vaccination in Japan. *Cancer Science*, 2020 ; 111 : 7 : 2546-2557
56. Sasaki H, Maruya H, Abe Y, Fujita M, Furukawa H, Fuda M, Kamei T, Yaegashi N, Tominaga T, Egawa S. Scoping review of hospital business continuity plans to validate the improvement after the 2011 Great East Japan earthquake and tsunami. *Tohoku Journal of Experimental Medicine*, 2020 ; 251 : 3 : 147-159
57. Sato I, Ishibashi M, Tokunaga H, Shigeta S, Sakurada S, Shimada M, Nagase S, Watanabe Y, Yaegashi N. MicroRNA let7c contributes to paclitaxel resistance via aurora-B in endometrial serous carcinoma. *Tohoku Journal of Experimental Medicine*, 2020 ; 251 : 4 : 263-272
58. Shibata S, Kobayashi EH, Kobayashi N, Oike A, Okae H, Arima T. Unique features and emerging in vitro models of human placental development. *Reproductive Medicine and Biology*, 2020 ; 19 : 4 : 301-313
59. Shigeta S, Shida M, Nagase S, Ikeda M, Takahashi F, Shibata T, Yamagami W, Katabuchi H, Yaegashi N, Aoki D, Mikami M. Epidemiological guideline influence on the therapeutic trend and patient outcome of uterine cervical cancer in Japan : Japan Society of Gynecologic Oncology guideline evaluation committee project. *Gynecologic Oncology*, 2020 ; 159 : 1 : 248-255
60. Shimada M, Tokunaga H, Kigawa J, Yaegashi N. Impact of histopathological risk factors on the treatment of stage IB-IIIB uterine cervical cancer. *Tohoku Journal of Experimental Medicine*, 2020 ; 252 : 4 : 339-351
61. Shimada M, Tokunaga H, Kobayashi H, Ishikawa M, Yaegashi N. Perioperative treatments for stage IB- IIB uterine cervical cancer. *Japanese Journal of Clinical Oncology*, 2020 ; 50 : 2 : 99-103
62. Tachibana M. Chapter 16 ; Mitochondria replacement as an innovative treatment to tackle impaired bioenergetics in clinical medicine. *Clinical Bioenergetics 1st Edition : From Pathophysiology to Clinical Translation*, 2020 ; 1 : 365-384
63. Takahashi T, Saito M, Schmidt AF, Usuda H, Takahashi Y, Watanabe S, Hanita T, Sato S, Kumagai Y, Koshinami S, Ikeda H, Carter S, Clarke M, Fee EL, Yaegashi N, Newnham JP, Jobe AH, Kemp MW. Variability in the efficacy of a standardized antenatal steroid treatment was independent of maternal or fetal plasma drug levels : Evidence from a sheep model of pregnancy. *American Journal of Obstetrics and Gynecology*, 2020 ; 223 : 6 : 921.e1-921.e10

64. Takahashi Y, Toyoshima M, Sasaki M, Hiraga H, Yasuda Y, Yoshida Y. Atypical familial mediterranean fever in a Japanese woman with MEFV gene examination: A case report presenting as recurrent episodes of fever during menstruation. *Medical Journal of Japanese Red Cross Ishinomaki Hospital*, 2020 ; 23 : 41-44
65. Takayama S, Akaishi T, Nozaki H, Suzuki S, Arita R, Saito N, Tanaka J, Numata T, Kikuchi A, Ohsawa M, Abe M, Ishii T. Characteristics and course of patients treated with kampo medicine in the department of general medicine. *Journal of General and Family Medicine*, 2020 ; 21 : 3 : 48-55
66. Takehara K, Yamashita N, Watanabe R, Teramoto N, Tsuda H, Motohashi T, Harano K, Nakanishi T, Tokunaga H, Susumu N, Ueda Y, Yokoyama Y, Saito T. Clinical status and prognostic factors in Japanese patients with uterine leiomyosarcoma. *Gynecologic Oncology*, 2020 ; 157 : 1 : 115-120
67. Takekuma M, Takahashi F, Mabuchi S, Kudaka W, Horie K, Ikeda M, Shikama A, Mitsuhashi A, Nagao S, Suzuki S, Mizuno M, Nishio S, Tokunaga H, Ota Y, Kasamatsu T, Kitagawa R, Toita T, Kobayashi H, Ishikawa M, Yaegashi N. Propensity score-matched analysis of systemic chemotherapy versus salvage hysterectomy for persistent cervical cancer after definitive radiotherapy/concurrent chemoradiotherapy. *BMC Cancer*, 2020 ; 20 : 1 : 1169
68. Tanaka K, Shiga N, Kuno T, Watanabe Z, Tachibana M, Yaegashi N. Successful pregnancy and vaginal delivery after laparoscopic excision of a congenital uterine cervical diverticulum: A case report. *Journal of Obstetrics and Gynaecology Research*, 2020 ; 46 : 8 : 1460-1464
69. Tsuboi A, Matsui H, Shiraishi N, Murakami T, Otsuki A, Kawashima J, Kiyama T, Tamahara T, Goto M, Koyama S, Sugawara J, Kodama EN, Metoki H, Hozawa A, Kuriyama S, Tomita H, Kikuya M, Minegishi N, Suzuki K, Koshiba S, Tamiya G, Fuse N, Aoki Y, Takai-Igarashi T, Ogishima S, Nakamura T, Sakurai-Yageta M, Nagami F, Kinoshita K, Kure S, Shimizu R, Sasaki K, Yamamoto M. Design and progress of oral health examinations in the Tohoku Medical Megabank Project. *Tohoku Journal of Experimental Medicine*, 2020 ; 251 : 2 : 97-115
70. Usuda H, Watanabe S, Saito M, Ikeda H, Koshinami S, Sato S, Musk GC, Fee E, Carter S, Kumagai Y, Takahashi T, Takahashi Y, Kawamura S, Hanita T, Kure S, Yaegashi N, Newnham JP, Kemp MW. Successful use of an artificial placenta-based life support system to treat extremely preterm ovine fetuses compromised by intrauterine inflammation. *American Journal of Obstetrics and Gynecology*, 2020 ; 223 : 5 : 755.e1-755.e20
71. Wagata M, Ishikuro M, Obara T, Nagai M, Mizuno S, Nakaya N, Nakamura T, Hirata T, Tsuchiya N, Metoki H, Ogishima S, Hozawa A, Kinoshita K, Kure S, Yaegashi N, Yamamoto M, Kuriyama S, Sugawara J. Low birth weight and abnormal pre-pregnancy body mass index were at higher risk for hypertensive disorders of pregnancy. *Pregnancy Hypertension*, 2020 ; 22 : 119-125

72. Wagata M, Kogure M, Nakaya N, Tsuchiya N, Nakamura T, Hirata T, Narita A, Metoki H, Ishikuro M, Kikuya M, Tanno K, Fukushima A, Yaegashi N, Kure S, Yamamoto M, Kuriyama S, Hozawa A, Sugawara J. Hypertensive disorders of pregnancy, obesity, and hypertension in later life by age group : A cross-sectional analysis. *Hypertension Research*, 2020 ; 43 : 11 : 1277-1283
73. Watanabe S, Matsuda T, Hanita T, Ikeda H, Koshinami S, Sato S, Usuda H, Saito M, Kemp MW, Kobayashi Y. Organ blood flow in response to infusion of arginine vasopressin in premature fetal sheep. *Pediatrics International*, 2020 ; 62 : 6 : 688-693
74. Watanabe T, Soeda S, Nishiyama H, Kiko Y, Tokunaga H, Shigeta S, Yaegashi N, Yamada H, Ohta T, Nagase S, Shoji T, Kagabu M, Baba T, Shimizu D, Sato N, Terada Y, Futagami M, Yokoyama Y, Fujimori K. Clinical and reproductive outcomes of fertility-sparing surgery in stage I epithelial ovarian cancer. *Molecular and Clinical Oncology*, 2020 ; 12 : 1 : 44-50
75. Widatalla N, Kasahara Y, Kimura Y, Khandoker A. Model based estimation of QT intervals in non-invasive fetal ECG signals. *PLoS One*, 2020 ; 15 : 5 : e0232769
76. Yamada K, Kimura T, Ikebara S, Cui M, Kubota Y, Wakaizumi K, Takeda T, Iso H, Japan Environment and Children's Study Group. Pain medications during pregnancy : Data from the Japan Environment and Children's Study. *Journal of Anesthesia*, 2020 ; 34 : 2 : 202-210
77. Yamakage S, Oe Y, Sekimoto A, Obata H, Yasuta M, Sato E, Kumakura S, Sato H, Sugawara J, Ito S, Takahashi N. Protease-activated receptor 2 contributes to placental development and fetal growth in mice. *Thrombosis Research*, 2020 ; 193 : 173-179
78. Yamamoto T, Umezawa R, Tokunaga H, Kubozono M, Kozumi M, Takahashi N, Matsushita H, Kadoya N, Ito K, Sato K, Tsuji K, Shimada M, Jingu K. Clinical experience of pelvic radiotherapy or chemoradiotherapy for postoperative uterine cervical cancer using intensity-modulated radiation therapy. *Journal of Radiation Research*, 2020 ; 61 : 3 : 470-478
79. Yonezawa Y, Obara T, Yamashita T, Sugawara J, Ishikuro M, Murakami K, Noda A, Ueno F, Suzuki S, Saganuma H, Kuriyama S. Fruit and vegetable consumption before and during pregnancy and birth weight of new-borns in Japan : The Tohoku Medical Megabank project birth and three-generation cohort study. *Nutrition Journal*, 2020 ; 19 : 1 : 80
80. Yoshimasu K, Miyauchi N, Sato A, Yaegashi N, Nakai K, Hattori H, Arima T; Japan Environment and Children's Study Group. Assisted reproductive technologies are slightly associated with maternal lack of affection toward the newborn : The Japan Environment and Children's Study. *Journal of Obstetrics and Gynaecology Research*, 2020 ; 46 : 3 : 434-444

81. Zhang X, Ishibashi M, Kitatani K, Shigeta S, Tokunaga H, Toyoshima M, Shimada M, Yaegashi N. Potential of tyrosine kinase receptor TIE-1 as novel therapeutic target in high-PI3K-expressing ovarian cancer. *Cancers (Basel)*, 2020 ; 12 : 6 : 1705
82. Zhang X, Matsuda M, Yaegashi N, Nabe T, Kitatani K. Regulation of necroptosis by phospholipids and sphingolipids. *Cells*, 2020 ; 9 : 3 : 627

【in press】

1. Bloise E, Zhang J, Nakpu J, Hamada H, Dunk CE, Li S, Imperio GE, Nadeem L, Kibschull M, Lye P, Matthews SG, Lye SJ. Expression of severe acute respiratory syndrome coronavirus 2 cell entry genes, angiotensin-converting enzyme 2 and transmembrane protease serine 2, in the placenta across gestation and at the maternal-fetal interface in pregnancies complicated by preterm birth or preeclampsia. *American Journal of Obstetrics and Gynecology*, 2020 ; in press
2. Hozawa A, Tanno K, Nakaya N, Nakamura T, Tsuchiya N, Hirata T, Narita A, Kogure M, Nochioka K, Sasaki R, Takanashi N, Otsuka K, Sakata K, Kuriyama S, Kikuya M, Tanabe O, Sugawara J, Suzuki K, Suzuki Y, Kodama EN, Fuse N, Kiyomoto H, Tomita H, Uruno A, Hamanaka Y, Metoki H, Ishikuro M, Obara T, Kobayashi T, Kitatani K, Takai-Igarashi T, Ogishima S, Satoh M, Ohmomo H, Tsuboi A, Egawa S, Ishii T, Ito K, Ito S, Taki Y, Minegishi N, Ishii N, Nagasaki M, Igarashi K, Koshiba S, Shimizu R, Tamiya G, Nakayama K, Motohashi H, Yasuda J, Shimizu A, Hachiya T, Shiwa Y, Tominaga T, Tanaka H, Oyama K, Tanaka R, Kawame H, Fukushima A, Ishigaki Y, Tokutomi T, Osumi N, Kobayashi T, Nagami F, Hashizume H, Arai T, Kawaguchi Y, Higuchi S, Sakaida M, Endo R, Nishizuka S, Tsuji I, Hitomi J, Nakamura M, Ogasawara K, Yaegashi N, Kinoshita K, Kure S, Sakai A, Kobayashi S, Sobue K, Sasaki M, Yamamoto M. Study profile of the Tohoku Medical Megabank community-based cohort study. *Journal of Epidemiology*, 2020 ; in press
3. Kageyama S, Mori N, Mugikura S, Tokunaga H, Takase K. Gaussian mixture model-based cluster analysis of apparent diffusion coefficient values: A novel approach to evaluate uterine endometrioid carcinoma grade. *European Radiology*, 2020 ; in press
4. Kai K, Nasu K, Nishida H, Daa T, Shikama A, Shiozaki T, Kurakazu M, Yano M, Imamura Y, Tokunaga H, Tasaki K, Iida Y, Yamada Y, Morisawa H, Nakagawa S, Fujimoto E, Tsuruta T, Matsumoto H, Arakawa A, Nonaka M, Takano H, Ushiwaka T, Mori T, Ito K, Motohashi T, Teramoto N, Yamada T. Correlation of World Health Organization 2010 classification for gastroenteropancreatic neuroendocrine neoplasms with the prognosis of ovarian neuroendocrine neoplasms: Kansai Clinical Oncology Group-Protocol Review Committee/intergroup study. *Neuroendocrinology*, 2020 ; in press

5. Matsumoto A, Kawabata T, Kagawa Y, Shoji K, Kimura F, Miyazawa T, Tatsuta N, Arima T, Yaegashi N, Nakai K. Associations of umbilical cord fatty acid profiles and desaturase enzyme indices with birth weight for gestational age in Japanese infants. *Prostaglandins, Leukotrienes and Essential Fatty Acids*, 2020; in press
6. Morita M, Kudo K, Shima H, Tanuma N. Dietary intervention as a therapeutic for cancer. *Cancer Science*, 2020; in press
7. Niikura H, Toki A, Nagai T, Okamoto S, Shigeta S, Tokunaga H, Shimada M, Watanabe M, Yaegashi N. Prospective evaluation of sentinel node navigation surgery in Japanese patients with low-risk endometrial cancer-safety and occurrence of lymphedema. *Japanese Journal of Clinical Oncology*, 2020; in press
8. Ohsawa M, Takayama S, Kikuchi A, Arita R, Saito N, Hojo S, Ishii T, Yaegashi N. Two cases of multiple chemical sensitivity successfully treated with kampo medicine. *Alternative Therapies in Health and Medicine*, 2020; in press
9. Shigeta S, Lui GYL, Shaw R, Moser R, Gurley KE, Durenberger G, Rosati R, Diaz RL, Ince TA, Swisher EM, Grandori C, Kemp CJ. Targeting BET proteins BRD2 and BRD3 in combination with PI3K-AKT inhibition as a therapeutic strategy for ovarian clear cell carcinoma. *Molecular Cancer Therapeutics*, 2020; in press
10. Sugawara J, Ishikuro M, Obara T, Onuma T, Murakami K, Kikuya M, Ueno F, Noda A, Mizuno S, Kobayashi T, Hamanaka Y, Suzuki K, Kodama E, Tsuchiya N, Urano A, Suzuki Y, Tanabe O, Kiyomoto H, Tsuboi A, Shimizu A, Koshiba S, Minegishi N, Ogishima S, Tamiya G, Metoki H, Hozawa A, Fuse N, Kinoshita K, Kure S, Yaegashi N, Kuriyama S, Yamamoto M. Maternal baseline characteristics and perinatal outcomes: The Tohoku Medical Megabank Project Birth and Three-Generation cohort study. *Journal of Epidemiology*, 2020; in press
11. Widowski H, Ophelders DRMG, van Leeuwen AJCN, Nikkels PGJ, Severens-Rijvers CAH, LaPointe VLS, Cleutjens JPM, Hütten MC, Kemp MW, Payne MS, Saito M, Usuda H, Newnham JP, Jobe AH, Kramer BW, Delhaas T, Wolfs TGAM, Reynaert NL. Chorioamnionitis induces changes in ovine pulmonary endogenous epithelial stem/progenitor cells in utero. *Pediatric Research*, 2020; in press
12. Zhang X, Sakamoto W, Canals D, Ishibashi M, Matsuda M, Nishida K, Toyoshima M, Shigeta S, Taniguchi M, Senkal C, Okazaki T, Yaegashi N, Hannun Y, Nabe T, Kitatani K. Ceramide synthase 2-C_{24:1}-ceramide axis limits the metastatic potential of ovarian cancer cells. *FASEB Journal*, 2020; in press