

## 産婦人科学講座

## I. 原著論文

- 1) Takahashi Ken, Sasaki Aiko, Wada Seiji, Wada Yuka, Tsukamoto Keiko, Kosaki Rika, Ito Yushi, Sago Haruhiko. The outcomes of 31 cases of trisomy 13 diagnosed in utero with various management options. *Am J Med Genet A* 2017; 173(4): 966–971–.
- 2) Wang Yi Kan, Bashashati Ali, Anglesio Michael S, Cochrane Dawn R, Grewal Diljot S, Ha Gavin, McPherson Andrew, Horlings Hugo M, Senz Janine, Prentice Leah M, Karnezis Anthony N, Lai Daniel, Aniba Mohamed R, Zhang Allen W, Shumansky Karey, Siu Celia, Wan Adrian, McConechy Melissa K, Li-Chang Hector, Tone Alicia, Provencher Diane, de Ladurantaye Manon, Fleury Hubert, Okamoto Aikou, Yanagida Satoshi, Yanaihara Nozomu, Saito Misato, Mungall Andrew J, Moore Richard, Marra Marco A, Gilks CBlake, Mes-Masson Anne-Marie, McAlpine Jessica N, Aparicio Samuel, Huntsman David G, Shah Sohrab P. Genomic consequences of aberrant DNA repair mechanisms stratify ovarian cancer histotypes. *Nat Genet* 2017; 49(6): 856–865–.
- 3) Kajiwara Kazuhiro, Tanemoto Tomohiro, Wada Seiji, Karibe Jurii, Ihara Norimasa, Ikemoto Yu, Kawasaki Tomoyuki, Oishi Yoshie, Samura Osamu, Okamura Kohji, Takada Shuji, Akutsu Hidenori, Sago Haruhiko, Okamoto Aikou, Umezawa Akihiro. Fetal Therapy Model of Myelomeningocele with Three-Dimensional Skin Using Amniotic Fluid Cell-Derived Induced Pluripotent Stem Cells. *Stem Cell Reports* 2017; 8(6): 1701–1713–.
- 4) Wang Yi Kan, Bashashati Ali, Anglesio Michael S, Cochrane Dawn R, Grewal Diljot S, Ha Gavin, McPherson Andrew, Horlings Hugo M, Senz Janine, Prentice Leah M, Karnezis Anthony N, Lai Daniel, Aniba Mohamed R, Zhang Allen W, Shumansky Karey, Siu Celia, Wan Adrian, McConechy Melissa K, Li-Chang Hector, Tone Alicia, Provencher Diane, de Ladurantaye Manon, Fleury Hubert, Okamoto Aikou, Yanagida Satoshi, Yanaihara Nozomu, Saito Misato, Mungall Andrew J, Moore Richard, Marra Marco A, Gilks CBlake, Mes-Masson Anne-Marie, McAlpine Jessica N, Aparicio Samuel, Huntsman David G, Shah Sohrab P. Genomic consequences of aberrant DNA repair mechanisms stratify ovarian cancer histotypes. *Nat Genet* 2017; 49(6): 856–865–.
- 5) Yanagida Satoshi, Anglesio Michael S, Nazeran Tayyeb M, Lum Amy, Inoue Momoko, Iida Yasushi, Takano Hirokuni, Nikaido Takashi, Okamoto Aikou, Huntsman David G. Clinical and genetic analysis of recurrent adult-type granulosa cell tumor of the ovary: Persistent preservation of heterozygous c. 402C>G FOXL2 mutation. *PLoS One* 2017; 12(6): e0178989–.
- 6) Jang Ji Yon Agnes, Yanaihara Nozomu, Pujade-Lauraine Eric, Mikami Yoshiki, Oda Katsutoshi, Bookman Michael, Ledermann Jonathan, Shimada Muneaki, Kiyokawa Takako, Kim Byoung Gie, Matsumura Noriomi, Kaku Tsunehisa, Kuroda Takafumi,

- Nagayoshi Yoko, Kawabata Ayako, Iida Yasushi, Kim Jae Weon, Quinn Michael, Okamoto Aikou. Update on rare epithelial ovarian cancers: based on the Rare Ovarian Tumors Young Investigator Conference. . J Gynecol Oncol 2017; 28(4): e54-.
- 7) Kawabata Ayako, Yanaihara Nozomu, Nagata Chie, Saito Misato, Noguchi Daito, Takenaka Masataka, Iida Yasushi, Takano Hirokuni, Yamada Kyosuke, Iwamoto Masami, Kiyokawa Takako, Okamoto Aikou. Prognostic impact of interleukin-6 expression in stage I ovarian clear cell carcinoma. . Gynecol Oncol 2017; 146(3): 609-614-.
- 8) Bookman M A, Okamoto A, Stuart G, Yanaihara N, Aoki D, Bacon M, Fujiwara K, González-Martín A, Harter P, Kim J W, Ledermann J, Pujade-Lauraine E, Quinn M, Ochiai K, . Harmonising clinical trials within the Gynecologic Cancer InterGroup: consensus and unmet needs from the Fifth Ovarian Cancer Consensus Conference. . Ann Oncol 2017; 28(suppl\_8): viii30-viii35-.
- 9) Yokomizo Ryo, Yamada Kyosuke, Iida Yasushi, Kiyokawa Takako, Ueda Kazu, Saito Motoaki, Yanaihara Nozomu, Nakamura Mayo, Okamoto Aikou. Dedifferentiated endometrial carcinoma: A report of three cases and review of the literature. . Mol Clin Oncol 2017; 7(6): 1008-1012-.
- 10) Kanke Y, Shimomura A, Saito M, Honda T, Shiraishi K, Shimada Y, Watanabe R, Yoshida H, Yoshida M, Shimizu C, Takahashi K, Totsuka H, Ogiwara H, Hirose S, Kono K, Tamura K, Okamoto A, Kinoshita T, Kato T, Kohno T. Gene aberration profile of tumors of adolescent and young adult females. . Oncotarget 2017; 9(5): 6228-6237.
- 11) Haino Takayuki, Tarumi Wataru, Kawamura Kazuhiro, Harada Tohru, Sugimoto Kouhei, Okamoto Aikou, Ikegami Masahiro, Suzuki Nao. Determination of Follicular Localization in Human Ovarian Cortex for Vitrification. . J Adolesc Young Adult Oncol 2018; 7(1): 46-53-.
- 12) Hirose Sou, Tanabe Hiroshi, Nagayoshi Youko, Hirata Yukihiro, Narui Chikage, Ochiai Kazuhiko, Isonishi Seiji, Takano Hirokuni, Okamoto Aikou. Retrospective analysis of sites of recurrence in stage I epithelial ovarian cancer. . J Gynecol Oncol 2018; 29-37.
- 13) 加藤 さや子, 鴨下 桂子, 笠原 佑太, 白石 絵莉子, 拝野 貴之, 岡本 愛光, 押尾 真紀子, 川崎 友貴, 石澤 亜希. 術前化学療法前に胚凍結と卵巣組織凍結で妊孕性を温存し得た若年性乳がんの1例. 東京産科婦人科学会会誌 2018; 67(1): 79-83.
- 14) 鶴本 大作, 白石 絵莉子, 鴨下 桂子, 拝野 貴之, 杉本 公平, 岡本 愛光. 子宮筋腫核出部に着床したと考えられた異所性妊娠の1例. 東京産科婦人科学会会誌 2017; 66(3): 444-447-.
- 15) 大西 純貴, 関口 将軌, 正古 悠一, 松田 祐奈, 中川 智絵, 舟木 哲, 松井 仁志, 鈴木 朋, 梅原 永能, 小澤 伸晃, 塚原 優己, 左合 治彦. 当センターにおける妊娠・産褥期の基質特異性拡張型βラクタマーゼ(ESBL)産生菌の現状について. 東京産科婦人科学会会誌 2018; 67(1): 12-16.

- 16) 正古 悠一, 谷垣 伸治, 関口 将軌, 松田 裕奈, 大西 純貴, 芝田 恵, 梅原 永能, 左合 治彦. 当院における母体菌血症と児の予後. 東京産科婦人科学会会誌 2018; 67(1): 17-21.
- 17) 富田 圭祐, 秋山 由佳, 下舞 和貴子, 佐藤 真梨子, 鶴本 大作, 国府 悦子, 小田嶋 俊, 片倉 和香子, 鈴木 瑛太郎, 滑川 悠梨子, 駒崎 裕美, 丸田 剛徳, 新美 茂樹, 岡本 愛光. UAEにより子宮を温存し得た癒着胎盤の2例. 2018; 67(1):111-115.
- 18) 下舞 和貴子, 駒崎 裕美, 國府 悦子, 小田嶋 俊, 滑川 悠梨子, 津田 明奈, 舟木 哲, 平田 幸広, 丸田 剛徳, 新美 茂樹, 落合 和彦. GnRH アナログ使用中に橋本病の増悪を認めた1例. 東京産科婦人科学会会誌 2017; 66(4):726-730.
- 19) 平山 佳奈, 黒田 高史, 飯田 泰志, 永吉 陽子, 鳴井 千景, 松野 香苗, 上田 和, 齋藤 元章, 矢内原 臨, 山田 恭輔, 岡本 愛光, 清川 貴子. 卵巣境界悪性ブレンナー腫瘍の1例. 東京産科婦人科学会会誌 2017;66(3) 585-589.
- 20) 小田嶋 俊, 丸田 剛徳, 國府 悦子, 丹羽 悠梨子, 吉川 直希, 津田 明奈, 舟木 哲, 駒崎 裕美, 平田 幸広, 新美 茂樹, 落合 和彦. 正期産まで妊娠継続しえた不全子宮破裂の1例. 東京産科婦人科学会会誌 2017;66(3) 539-543.
- 21) 田中 優子, 森本 恵爾, 永江 世佳, 上井 美里, 後藤 ちひろ, 齋藤 良介, 日高 三和, 黒田 浩, 柳田 聡, 磯西 成治. 妊娠中期に治療した massive ovarian edema の1例. 東京産科婦人科学会会誌 2017; 66(2)322-326.
- 22) 日向 悠, 井上 桃子, 佐藤 真梨子, 田中 優子, 北村 直也, 佐藤 琢磨, 小西 晶子, 松岡 知奈, 山村 倫啓, 青木 宏明, 佐村 修, 岡本 愛光. 妊娠33週にくも膜下出血を発症し児の娩出時期の決定に苦慮した1例. 東京産科婦人科学会会誌 2017; 66(2) 218-222.
- 23) 薄井 環, 丸田 剛徳, 片倉 和歌子, 滑川 悠梨子, 山村 菜実, 吉川 直希, 津田 明奈, 舟木 哲, 駒崎 裕美, 平田 幸広, 佐藤 陽一, 新美 茂樹, 落合 和彦, 西井 寛, 佐藤 寛. 臨床的侵入奇胎の1例. 東京産科婦人科学会会誌 2017;66(1) 159-163.
- 24) 上井 美里, 柳田 聡, 正木 希世, 森 祐介, 後藤 ちひろ, 笠原 佑太, 齋藤 良介, 森本 恵爾, 黒田 浩, 磯西 成治. 帝王切開術創部に発生した子宮内膜症の1例. 東京産科婦人科学会会誌 2017; 66(1) 129-132.

## II. 総説

- 1) Samura Osamu, Sekizawa Akihiko, Suzumori Nobuhiro, Sasaki Aiko, Wada Seiji, Hamanoue Haruka, Hirahara Fumiki, Sawai Hideaki, Nakamura Hiroaki, Yamada Takahiro, Miura Kiyonori, Masuzaki Hideaki, Nakayama Setsuko, Okai Takashi, Kamei Yoshimasa, Namba Akira, Murotsuki Jun, Tanemoto Tomohiro, Fukushima Akimune, Haino Kazufumi, Tairaku Shinya, Matsubara Keiichi, Maeda Kazuhisa, Kaji Takashi, Ogawa Masanobu, Osada Hisao, Nishizawa Haruki, Okamoto Yoko, Kanagawa Takeshi, Kakigano Aiko, Kitagawa Michihiro, Ogawa Masaki, Izumi Shunichiro, Katagiri Yukiko, Takeshita Naoki, Kasai Yasuyo, Naruse Katsuhiko, Neki Reiko, Masuyama

- Hisashi, Hyodo Maki, Kawano Yukie, Ohba Takashi, Ichizuka Kiyotake, Kido Yasuhiro, Fukao Toshiyuki, Miharuru Norio, Nagamatsu Takeshi, Watanabe Atsushi, Hamajima Naoki, Hirose Masaya, Sanui Ayako, Shirato Nahoko, Yotsumoto Junko, Nishiyama Miyuki, Hirose Tatsuko, Sago Haruhiko. Current status of non-invasive prenatal testing in Japan. J Obstet Gynaecol Res 2017; 43(8): 1245-1255-.
- 2) 佐村 修. 【出生前診断と遺伝カウンセリング】 胎児過剰マーカー染色体と遺伝カウンセリング. 産婦人科の実際 2017; 66(4): 447-450-.
  - 3) 矢内原 臨, 岡本 愛光. 【分子標的治療薬について】 卵巣がんにおける分子標的治療薬を用いた臨床試験について. 日本産科婦人科学会雑誌 2017; 69(4): 1328-1341-.
  - 4) 青木 宏明, 北井 里実. 【産婦人科画像診断トレーニング-この所見をどう読むか?】 周産期 症例:胎児付属物(3). 臨床婦人科産科 2017; 71(4): 163-168-.
  - 5) 山田 恭輔. 【サインから読み解く婦人科画像診断】 婦人科超音波のサイン Multiple vesicular pattern, pearl necklace sign 卵巣の病変. 画像診断 2017; 37(9): 960-.
  - 6) 山田 恭輔. 【TNM 分類第 8 版を読み解く】 婦人科腫瘍. 外科 2017; 79(7): 658-663-.
  - 7) 青木 宏明. 【早産リスクにどう向き合うか-最近の話題-】 子宮頸管長測定の意義. 産婦人科の実際 2017; 66(7): 815-821-.
  - 8) 佐村 修. 【ガイドラインのすき間を埋める!臨床医マエストロの技】 周産期領域 周産期医療での遺伝医療は?遺伝カウンセリングを行うタイミングは?. 産婦人科の実際 2017; 66(11): 1413-1418-.
  - 9) 青木 宏明. 【切迫早産と早産の THE マネジメント 薬剤治療、入院管理にエビデンスは?】 予防できる?安静の意義は? 切迫早産・早産の予防と安静(入院管理). ペリネイタルケア 2018; 37(2): 120-125-.
  - 10) 矢内原 臨, 岡本 愛光. 婦人科がん (第 2 版) 卵巣がん 卵巣癌の発生 明細胞癌のゲノム解析. 日本臨床 2018; 527-529.

### Ⅲ. 学会発表

- 1) Takahashi K, Ishikawa M, Okamoto A, Kato T. Establishment and utility assessment of patient-derived models for ovarian clear cell carcinoma with ARID1A deficiency. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 2) Yanagida S, Inoue M, Iida Y, Nikaido T, David Huntsman, Okamoto A. FOXL2 copy number is predictive of early recurrent adult type granulosa cell tumor of the ovary. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 3) Kajiwara K, Wada S, Ihara N, Akutsu H, Sago H, Okamoto A. Fetal therapy model of myelomeningocele with three-dimensional skin using amniotic fluid cell-derived iPS cells. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.

- 4) Nagayoshi N, Yamada K, Kiyokawa T, Kuroda T, Kaya R, Iida Y, Ueda K, Saito M, Yanaihara N, Okamoto A. Risk factors of recurrence and lymph node metastasis in pT1 endometrial cancer (EMC) . The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 5) Saito R, Yanagida S, Kasahara Y, Noguchi D, Morimoto K, Kuroda H, Isonishi S. Stepwise increase of MIB-1 index in frequently relapsed malignant peritoneal mesothelioma. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 6) Sato T, Migita O, Hata H, Okamoto A, Hata K. Investigation of Novel Candidate Genetic Factors Causing Recurrent Abortions in Japanese Women Using Whole-Genome Single Nucleotide Polymorphism Arrays. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 7) Yamamura M, Aoki H, Kitamura N, Hyuga H, Sato T, Konishi A, Matsuoka T, Yoshii E, Inoue M, Ito Y, Samura O, Okamoto A. Evaluation of the relationship between the severity of epilepsy and perinatal outcomes. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 8) Kamoshita K, Haino T, Sugimoto K, Sugishita Y, Okamoto A, Suzuki N. Investigation of the effect of mouse ovary storage duration on fertility. – Basic experiment for clinical application of ovarian transport–. The 69th Annual Congress of the Japan Society of Obstetrics and Gynecology. Hiroshima, Apr.
- 9) Okamoto A. Precancerous lesions of gynecologic cancers. The 59 Meeting of Japan Society of Gynecologic Oncology. Kumamoto, Jul.
- 10) Yokomizo R, Misawa A, Nagae S, Yamamura N, Odajima S, Tanuma A. A case of ovarian epidermoid cyst during pregnancy. 18th APAGE Annual Congress 2017. Okayama, Sept.
- 11) Yanaihara N, Iida Y, Ueda K, Nagayoshi Y, Kuroda T, Kaya R, Takahashi K, Saito M, Okamoto A. Comparison of laparoscopy versus laparotomy in early-stage endometrial cancer. 18th APAGE Annual Congress. Okayama, Sept.
- 12) Kaya R, Ueda K, Noguchi D, Kuroda T, Nagayoshi Y, Iida Y, Saito M, Yanaihara N, Takano H, Okamoto A. Novel method for lifting the medial umbilical ligaments during laparoscopic pelvic lymphadenectomy. . 18th APAGE Annual Congress. Okayama, Sept.
- 13) Sato T, Samura O, Kajiwara K, Takahashi K, Aoki H, Kato N, Taniguchi K, Yoshida M, Migita O, Okamoto A, Hata K. Molecular Analyses Reveal Atypical Confined Placental Mosaicism with a Small Supernumerary Marker Chromosome Derived from Chromosome 18: A Case Report of Discordant Results of Three Prenatal Tests. IFPA meeting 2017. Manchester, England, Sept.
- 14) Takahashi K, Ueda K, Hirayama K, Goto C, Nagayoshi Y, Narui C, Matsuno K, Morikawa A, Yanaihara N, and Okamoto A. Laparoscopic-Assisted McIndoe Procedure for

- Creation of a Neovagina in Patients with Mayer-Rokitansky-Küster-Hauser Syndrome: Case Report. 18th Annual Congress of the Asia Pacific Association for Gynecologic Endoscopy and Minimally Invasive Therapy. Okayama, Sept.
- 15) Saito R, Nagayoshi Y, Ueda K, Kuroda T, Iida Y, Saito M, Yanagida S, Yanaihara N, Okamoto A. Usefulness of the Adhesion Barrier Agent "AdSpray" in Laparoscopic Surgery. APAGE Annual Congress 2017. Okayama City, Sept.
  - 16) Okamoto A. Updates in gynecologic cancer Management of clear cell carcinoma of ovary. The 103rd Annual Congress of Korean Society of Obstetrics and Gynecology. Seoul, Sept.
  - 17) Yanaihara N. Update on Ovarian Clear Cell Carcinoma. Korea-China-Japan OB/GYN International Symposium. Seoul, Nov.
  - 18) Saito R, Hidaka M, Yamaguchi N, Noguchi D, Kaya R, Morimoto K, Isonishi S. Limited development of proliferation activity monitored by Ki-67 expression in repeatedly malignant peritoneal mesothelioma. ESGO Congress 2017. Vienna, Nov.
  - 19) Odajima S, Takafumi Kuroda T, Takahashi K, Yanaihara N, Tanabe H, Takano H, Niimi S, Isonishi S, Yamada K, Okamoto A. A retrospective study of combination chemotherapy with bevacizumab treatment in cervical cancer. The 5th Biennial Meeting of Asian Society of Gynecologic Oncology. Tokyo, Nov.
  - 20) Okamoto A. Topics on Ovarian Cancer Treatment. Asian Society of Gynecologic Oncology (ASGO) 2017. Tokyo, Dec

#### IV. 著書

- 1) Yanaihara N and Okamoto A. Strategies for the Management of Epithelial Ovarian Cancer. . Comprehensive Gynecology and Obstetrics Frontiers in Ovarian Cancer Science Katabuchi H (Ed.). Singapore : Springer, 2017. p.155-164.
- 2) 矢内原臨, 岡本愛光. 卵巣がんの治療(外科的治療・内科的治療) リスク低減外科手術(RRSO)と病理学的検査. . 婦人科腫瘍遺伝カウンセリングマニュアル 関沢明彦, 佐村 修, 四元淳子 編著 . 東京 : 中外医学社, 2018.