

April 12 (Friday)

## Opening Ceremony

(Room 1 : Bldg.1, 2F Century Hall, 10 : 00~10 : 10)

## Symposium 1 **ST**

(Room 1 : Bldg.1, 2F Century Hall, 13 : 20~16 : 20)

### Elucidating the mechanism of gynecologic cancer development and progression based on genome research

Chairs : Kindai University Noriomi Matsumura

The University of Tokyo Katsutoshi Oda

1) Comprehensive genome, epigenome, and metabolic analyses of ovarian clear cell carcinoma samples - Metabolic aberrations regulated genomically and epigenetically in tumor environments are possible therapeutic targets in ovarian clear cell cancer

Speaker : Kyoto University Ken Yamaguchi

2) Identification of genomic linkage from uterine endometrium to endometriosis and endometriosis-associated ovarian cancer

Speaker : Niigata University Kosuke Yoshihara

3) Elucidation of oncogenic mechanisms by histone modification in gynecological cancer using ChIP- seq and exploration of novel therapeutics targeting epigenome

Speaker : The University of Tokyo Kenbun Sone

4) Analysis of tumor-infiltrating lymphocytes in malignant gynecologic tumors for development of comprehensive tumor immunotherapy

Speaker : Nagoya University Hospital Shiro Suzuki

## JSOG Distinguished Scientific Achievement Award **ST**

(Room 1 : Bldg.1, 2F Century Hall, 16 : 30~17 : 10)

Chairs : Osaka University Tadashi Kimura

The Jikei University School of Medicine Aikou Okamoto

1) The interaction between reproductive function and stress/metabolic regulation systems

Speaker : Tokushima University Takeshi Iwasa

2) Epidemiological studies in use of perinatology databases

Speaker : National Center for Child Health and Development

Kohei Ogawa

## Overseas Invited Lecture 1

(Room 1 : Bldg.1, 2F Century Hall, 10 : 20~11 : 00)

Surgical Management of Thoracic Endometriosis Syndrome

Chair : Gunma University

Akira Iwase

Speaker : Camran Nezhat Institute, USA

Camran Nezhat

April 12 (Fri.)  
Program

## Overseas Invited Lecture 2

(Room 1 : Bldg.1, 2F Century Hall, 11 : 10~11 : 40)

Global Caesarian Section rates

Chair : University of Toyama

Shigeru Saito

Speaker : MA Obst. (IRL), DGO, DFP, DOBST. RCPI (Dublin),

FFIGO, FRCOG (UK), FRCPI (Ireland), FACOG (USA),

FSLCOG (SL), FEBCOG (EU), FDGGG (GER), FAMS,

FICOG, FICMCH, PGD MLS (Law)

Chittaranjan Narahari Purandare

## Overseas Invited Lecture 3

(Room 3 : Bldg.4, 1F Shirotori Hall(North), 10 : 10~10 : 40)

Lymphadenectomy in intermediate- to high-risk endometrial cancer

Chair : Tokai University

Mikio Mikami

Speaker : Ajou University School of Medicine, Korea

Hee-Sug Ryu

## Overseas Invited Lecture 4

(Room 3 : Bldg.4, 1F Shirotori Hall(North), 11 : 10~11 : 40)

Overcoming adaptive changes in the tumor microenvironment

Chair : Niigata University

Takayuki Enomoto

Speaker : The University of Texas MD Anderson Cancer Center,

USA

Anil Sood

## Joint Conference JSOG-DGGG

(Room 4 : Bldg.4, 1F Shirotori Hall (South), 9 : 00~11 : 00)

Chairs : Yamaguchi University  
 Donauislar-Klinikum Deggendorf, Germany

Norihiro Sugino

Walther Kuhn

- 1) The oncological patient in obstetrics-therapeutical procedure and perinatal outcome

Speaker : Donauislar-Klinikum Deggendorf, Germany

Walther Kuhn

- 2) Management of pregnancy-associated breast cancer

Speaker : University Hospital DÜsseldorf, Germany Tanja Fehm

- 3) Avoiding Complications in Laparoscopic Hysterectomy

Speaker : Frankfurt University Women's Hospital/  
 Frankfurt Goethe University, Germany Sven Becker

- 4) Prenatal diagnosis and management of perinatal lethal hypophosphatasia after introduction of enzyme replacement therapy—a new proposed classification

Speaker : Tohoku University/Miyagi Children's Hospital

Jun Murotsuki

- 5) Laeverin is a possible marker of placental site trophoblastic tumor

Speaker : Kanazawa University Hiroshi Fujiwara

- 6) A novel *in vitro* carcinogenesis model useful for understanding the molecular pathogenesis of ovarian high-grade serous carcinoma

Speaker : Shimane University

Satoru Kyo

## Luncheon Seminar 4 **ST**

(Room 1 : Bldg.1, 2F Century Hall, 12 : 00~13 : 00)

Biomarker driven novel treatment strategy in Gynecological Cancers

~What is MSI-High Cancer? Now we have Immune Checkpoint Inhibitors in Gynecology~

sponsored by MSD K.K.

Chair : Tokai University

Mikio Mikami

Speakers : Kindai University

Noriomi Matsumura

The Cancer Institute Hospital of JFCR

Nobuhiro Takeshima

## Luncheon Seminar 9

(Room 6 : Bldg.1, 4F Conference Room 141+142, 12 : 00~13 : 00)

sponsored by BioGaia Japan Inc.

Chair : University of Toyama

Shigeru Saito

Speaker : Department of Interdisciplinary Medicine University of  
Bari, Bari, Italy

Ruggiero Francavilla

# JSOG Congress Award Candidate

April 12 (Friday) Room 8

Bldg.2, 2F : Conference Room 222+223

8 : 30~9 : 30

## Group 1 Reproduction

Chairs : Tokushima University Minoru Irahara  
TAOG Tsung-Cheng Kuo

- IS-AC-1- 1. miR-132 Is Overexpressed in Human Ovarian Endometriotic Stromal Cells and Promotes the Acquisition of Endometriotic Phenotype Through the Activation of AKT1  
Yoko Aoyagi (Oita University) et al.
- IS-AC-1- 2. HIF2a in the uterine stroma permits embryo invasion through detachment of luminal epithelium  
Leona Matsumoto (The University of Tokyo) et al.
- IS-AC-1- 3. Integrated analysis of Genome-wide gene expression and histone modification in mouse granulosa cells undergoing luteinization during ovulation  
Yuichiro Shirafuta (Yamaguchi University) et al.
- IS-AC-1- 4. Withdrawn

April 12 (Friday) Room 9

Bldg.2, 1F : Exhibition Room 211

8 : 30~9 : 30

## Group 2 Perinatology 1/Women's Healthcare 1

Chairs : University of Toyama Shigeru Saito  
University of Miyazaki Hiroshi Sameshima

- IS-AC-2- 1. The Development of Placenta Targeting Simvastatin Nano-Micelle Treatment in the Mouse Model of Preeclampsia -Challenge for clinical application of drug delivery system to avoid the adverse effect on fetus during pregnancy  
Hiroko Oda (The University of Tokyo) et al.
- IS-AC-2- 2. Cardiac Function and Fetal Echocardiography Derived Hemodynamics in a Fetal Sheep Model of Pumpless Mechanical Support : Fetal Cardiovascular Impact of the EXTrauterine Environment for Neonatal Development (EXTEND) System  
Katsusuke Ozawa (Center of Maternal-Fetal, Neonatal and Reproductive Medicine, National Center for Child Health and Development) et al.

- IS-AC-2- 3. First achievement of successful maintenance in 95 days extremely preterm lambs treated with Ex Vivo Uterine Environment (EVE) Therapy  
Haruo Usuda (The University of Western Australia, Australia) et al.
- IS-AC-2- 4. Peripartum Anti-hypertensive choice affects time to blood pressure control in treating hypertensive disorders of pregnancy  
Chenchen Sun (McGovern Medical School at the University of Texas (UTHealth), USA) et al.

**April 12 (Friday) Room 10**  
**Bldg.2, 1F : Exhibition Room 212**

April 12 (Fri.)  
Program

8 : 30~9 : 45

**Group 3 Perinatology 2/Women's Healthcare 2**

Chairs : Nagasaki University Kiyonori Miura  
Hamamatsu University School of Medicine Naohiro Kanayama

- IS-AC-3- 1. Withdrawn
- IS-AC-3- 2. Engraftment Potential of Maternal Adipose-Derived Stem Cells for in Utero Transplantation  
Akihiro Kawashima (Showa University) et al.
- IS-AC-3- 3. Withdrawn
- IS-AC-3- 4. Assessment the myocardial performance index in predicting adverse outcomes in intrauterine growth restriction : A case - control study  
Thao Nguyen Nguyen Tran (Hue University of Medicine and Pharmacy, Vietnam) et al.
- IS-AC-3- 5. A Randomized Controlled Trial on Stimulatory Effect of Chewing Gum on Bowel Function among Patients who Underwent Cesarean Section Delivery at a Tertiary Hospital  
Andry Jullius (Fatima University Medical Center, Philippines) et al.

**April 12 (Friday) Room 11**  
**Bldg.1, 3F : Conference Room 131+132**

8 : 30~9 : 30

**Group 4 Oncology 1/Women's Healthcare 3**

Chairs : KSOG Seung Cheol Kim  
Nara Medical University Hiroshi Kobayashi

- IS-AC-4- 1. *Ex vivo* drug sensitivity test with a panel of cancer patient-derived spheroids of small cell neuroendocrine carcinoma of uterine cervix  
Mie Tanaka (Osaka University) et al.

- IS-AC-4- 2. Immune checkpoint inhibitors (anti PD-1/PD-L1 antibody) could be effective in dedifferentiated endometrial carcinoma  
Ruriko Ono (Shimane University Hospital) et al.
- IS-AC-4- 3. Withdrawn
- IS-AC-4- 4. The efficacy and safety of dydrogesterone for treatment of dysmenorrhea : An open label multicenter clinical study  
Fuminori Taniguchi (Clinical Study for Duphaston) et al.

## April 12 (Friday) Room 12

Bldg.1, 3F : Conference Room 133+134

8 : 30~9 : 30

### Group 5 Oncology 2

Chairs : KSOG Woong Ju  
Kyoto University Masaki Mandai

- IS-AC-5- 1. A histone methyltransferase SMYD2 selective inhibitor (LLY-507) in combination with a PARP inhibitor (Olaparib) have a therapeutic potential for high-grade serous ovarian carcinomas  
Asako Kukita (The University of Tokyo) et al.
- IS-AC-5- 2. Analysis of oncologic and reproductive outcomes after fertility-sparing surgery in apparent stage I adult ovarian granulosa cell tumors  
Dan Wang (Peking Union Medical College Hospital, Chinese Academy of Medical Science and Peking Union Medical College, China) et al.
- IS-AC-5- 3. CDK7 as a potential therapeutic target for ovarian cancer : Preclinical study  
Jeong-Won Lee (Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea) et al.
- IS-AC-5- 4. Establishment of a large animal model with peritoneal carcinomatosis for evaluating the efficacy of intraperitoneal chemotherapy  
Hee Seung Kim (Seoul National University College of Medicine, Korea) et al.

# International Session Workshop

April 12 (Friday) Room 8

Bldg.2, 2F : Conference Room 222+223

10 : 10~11 : 22

## Group 1 Women's Healthcare

Chairs : Tokyo Medical Dental University Masakazu Terauchi  
Tokyo Dental College Ichikawa General Hospital Kiyoshi Takamatsu

- IS-WS-1- 1. Atherosclerosis-Related Biomarkers in Women with Endometriosis : The Effects of Endocrine Therapy  
Eiko Maeda (Kyoto Prefectural University of Medicine) et al.
- IS-WS-1- 2. Mental stress promote the endometriosis in mouse model  
Takako Kawakita (Tokushima University) et al.
- IS-WS-1- 3. Estrogen Receptor Beta-Mediated Modulation of Lung Cancer Cell Proliferation by 27-Hydroxycholesterol  
Shiro Hiramitsu (Tokyo Medical and Dental University) et al.
- IS-WS-1- 4. Single Port Laparoscopic Surgery versus Conventional Laparoscopic Surgery for Adnexal Lesions : A Retrospective Case Control Study of 643 Cases  
Kuanju Huang (National Taiwan University Hospital, National Taiwan University College of Medicine Taiwan, Taiwan) et al.
- IS-WS-1- 5. Withdrawn
- IS-WS-1- 6. Opiate Use in the Postpartum Period  
Danielle Prentice (SSM Health St. Anthony Hospital, USA) et al.
- IS-WS-1- 7. Medical center experience of sacrospinous ligament fixation for pelvic organ prolapse  
Yun-Chiao Hsieh (National Taiwan University Hospital, Taiwan) et al.
- IS-WS-1- 8. Hysteroscopic approach vs. traditional Hegar dilation in Cervix Stenosis A ten year Single institution experience (2007-2017)  
Khayal Gasimli (University of Frankfurt, Germany) et al.



**April 12 (Friday) Room 9**  
Bldg.2, 1F : Exhibition Room 211

10 : 10~11 : 13

**Group 2 Perinatology 1**

Chairs : Nippon Medical School Tama Nagayama Hospital Akihito Nakai  
Saitama Medical Center Hiroyuki Seki

- IS-WS-2- 1. Collagen Type 1 Gels Stimulates Healing of Ruptured Amnion in Mouse PROM  
Haruta Mogami (Kyoto University) et al.
- IS-WS-2- 2. Upregulation of HIF-1 alpha and PKC in the placenta of pregnant diabetic mouse,  
and an increase in production of sFlt-1 in plasma  
Takashi Mitsui (Okayama University Hospital) et al.
- IS-WS-2- 3. Over expression of ATG4B-mediated autophagy insufficiency is a novel feature of  
preeclampsia with fetal growth restriction  
Tae Kusabiraki (University of Toyama) et al.
- IS-WS-2- 4. Shifting of HIF subtypes expression during syncytialization is associated with the  
regulation of VEGF family molecules in human trophoblast cells  
Tatsuya Fujii (The University of Tokyo Hospital) et al.
- IS-WS-2- 5. Three-dimensional vascularized human placenta from an iPSC-derived organ bud  
transplant  
Mai Sato (Kyoto University) et al.
- IS-WS-2- 6. The therapeutic potentials of human amniotic fluid stem cells on the chronic phase  
of neonatal hypoxic-ischemic encephalopathy  
Toshimitsu Otani (Keio University) et al.
- IS-WS-2- 7. Systemic transplantation of human iPSC-derived MSCs to the neonates of Ullrich  
congenital muscular dystrophy model mice  
Aya Harada (CiRA (Center for iPSC Research and Application), Kyoto  
University)

**April 12 (Friday) Room 10**  
Bldg.2, 1F : Exhibition Room 212

10 : 10~11 : 22

**Group 3 Perinatology 2**

Chairs : Ehime University Takashi Sugiyama  
Tokyo Medical and Dental University Naoyuki Miyasaka

- IS-WS-3- 1. Thrombin Activates Myosin Light Chain and Induces Cyclooxygenase-2 (COX2)  
Synthesis in Human Myometrial Cells and Progesterone Blocks Its Pathway  
Fumitomo Nishimura (Kyoto University Hospital) et al.

- IS-WS-3- 2. Appropriate weight gain during pregnancy to prevent preterm birth in women with lower BMI  
Masako Hayashi (Nippon Medical School) et al.
- IS-WS-3- 3. Comparison of pregnancy outcomes between women with early-onset and late-onset gestational diabetes in a retrospective multi-institutional study in Japan  
Tomoka Usami (Japan Diabetes and Pregnancy Study Group) et al.
- IS-WS-3- 4. Clinical and genetic risk factors associated with postpartum abnormal glucose tolerance in Japanese women with prior gestational diabetes by the International Association of Diabetes and Pregnancy Study Group criteria  
Yoshifumi Kasuga (Keio University) et al.
- IS-WS-3- 5. Maternal deaths due to obstetric hemorrhage are declining in Japan from 2010 : Analysis from the Maternal Death Exploratory Committee  
Junichi Hasegawa (St. Marianna University School of Medicine) et al.
- IS-WS-3- 6. Optimal gestational weight gain for underweight women  
Mihoko Aoki (Yokohama City University Medical Center) et al.
- IS-WS-3- 7. Cervical pessary for preterm twin pregnancy with a short cervix  
Da-Un Jung (Gachon University, Gil Medical Center, Korea) et al.
- IS-WS-3- 8. Relationship between ABO blood group and preeclampsia  
Dittakarn Boriboonhirunsarn (Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand) et al.

## April 12 (Friday) Room 11

Bldg.1, 3F : Conference Room 131+132

10 : 10~11 : 22

### Group 4 Oncology 1 Cervical Cancer/CIN/SIL1

Chairs : KSOG Young-Tak Kim  
Shinshu University Tanri Shiozawa

- IS-WS-4- 1. Postirradiation PD-L1 expression and low tumor-infiltrating CD8<sup>+</sup> cytotoxic lymphocytes are predictors of an improved prognosis after carbon ion radiotherapy for uterine cervical adenocarcinoma  
Moito Iijima (Keio University) et al.
- IS-WS-4- 2. The association between the expression of HPV-derived transcripts and CIN grade and/or HPV genotypes (16, 18, 52, and 58)  
Satoshi Baba (The University of Tokyo) et al.
- IS-WS-4- 3. Identification of genes involved in cisplatin resistance and attempts to overcome its resistance  
Midori Murakami (University of Occupational and Environmental Health) et al.

- IS-WS-4- 4. Small-molecule inhibition of Wee1 kinase by AZD1775 selectively sensitizes human papilloma virus (HPV)-associated cervical cancer to DNA-damaging therapies  
Osamu Kobayashi (Nihon University Itabashi Hospital) et al.
- IS-WS-4- 5. The efficacy of Superb Microvascular Imaging in advanced cervical carcinoma for monitoring response to neoadjuvant chemotherapy  
Mayu Ukai (TOYOTA Memorial Hospital) et al.
- IS-WS-4- 6. New approaches using exosome for cervical cancer treatment  
Hiromi Konishi (Osaka Medical College Hospital) et al.
- IS-WS-4- 7. HPV16 variants in women with cervical cancer and precancerous lesions in Xinjiang  
Kaichun Zhu (The People's Hospital of Xinjiang Uygur Autonomous Region, China) et al.
- IS-WS-4- 8. The molecular mechanisms of interaction between APOBEC3s and HPV16E6 in SiHa cells  
Mayinuer Niyazi (The People's Hospital of Xinjiang Uygur Autonomous Region, China) et al.

## April 12 (Friday) Room 12

Bldg.1, 3F : Conference Room 133+134

10 : 10~11 : 22

### Group 5 Oncology 2 Ovarian Cancer 1

Chairs : Dokkyo Medical University Ichio Fukasawa  
Kurume University Kimio Ushijima

- IS-WS-5- 1. GEP oncogene induces epithelial-mesenchymal transition in ovarian cancer through LATS1 proteolysis  
Hiroshi Yagi (Kyushu University) et al.
- IS-WS-5- 2. *Ex vivo* chemosensitivity assay using patient-derived spheroids of ovarian cancer  
Yu Ito (Osaka University) et al.
- IS-WS-5- 3. Utility of circulating tumor DNA liquid biopsy for detecting real-time gene mutation change and monitoring treatment response in neoadjuvant chemotherapy-treated advanced ovarian cancer  
Tomoko Noguchi (Wakayama Medical University) et al.
- IS-WS-5- 4. Characterization of tumor infiltrated CD8<sup>+</sup> T cells coexpressed PD-1 and Tim3 in ovarian cancer  
Masaaki Sawada (Osaka University) et al.
- IS-WS-5- 5. Antiangiogenic and growth inhibitory effect of MDM2 inhibitors in advanced ovarian carcinoma with massive ascites  
Yoshiko Kawata (The University of Tokyo) et al.

- IS-WS-5- 6. Pyruvate dehydrogenase kinase 2 (PDK2) inhibition has synergic effect with cisplatin targeting mitochondrial metabolism in ovarian clear cell carcinoma  
Sachiko Kitamura (Kyoto University) et al.
- IS-WS-5- 7. Clonality and loss of heterozygosity are associated with prognosis and molecular subtypes in high grade serous ovarian cancer  
Hisamitsu Takaya (Kindai University) et al.
- IS-WS-5- 8. Combination of in vivo shRNA library screening and cancer microarray database identifies USP32 as a new drug target of ovarian cancer  
Aya Nakae (Osaka University) et al.

# International Session Poster

April 12 (Friday) Poster ①

Bldg.2, 3F : Passage

16 : 40~17 : 20

## Group 1 Candidates for Exchange Program 1

Chair : The Jikei University School of Medicine Nozomu Yanaihara

- ISP-1- 1. Application of a multistate Markov model for predicting prognosis of HPV16-, HPV18-, HPV52-, and HPV58-positive cervical lesions  
Ayumi Taguchi (The University of Tokyo Hospital) et al.
- ISP-1- 2. Case series of Trousseau syndrome associated with malignant gynecological tumors  
Shimpei Sato (Oita University) et al.
- ISP-1- 3. Accuracy of preoperative diagnosis : Cases initially suspected as ovarian tumor finally diagnosed as other-organ tumors  
Keita Hasegawa (Inagi Municipal Hospital) et al.
- ISP-1- 4. The Prognostic Nutritional Index Is Useful for Predicting the Prognosis of Patients with Terminal-stage Gynecologic Cancer  
Takashi Hirayama (Juntendo University Hospital, Juntendo University) et al.
- ISP-1- 5. Can chemoradiotherapy be a treatment option for cervical cancer in stage IVB (FIGO2018) ?  
Satomi Hattori (Nagoya University Hospital) et al.
- ISP-1- 6. Evaluation of learning curve and rate-limiting steps in total laparoscopic hysterectomy  
Hiroaki Komatsu (Japanese Red Cross Yamaguchi Hospital) et al.
- ISP-1- 7. A unique uterine cervical cancer : Carcinosarcoma with teratomatous features  
Mitsutake Yano (Department of Pathology, Saitama Medical University International Medical Center) et al.
- ISP-1- 8. Edoxaban is an effective anticoagulation therapy for ovarian cancer related venous thromboembolism  
Suguru Odajima (The Jikei University School of Medicine) et al.
- ISP-1- 9. Asbestos exposure as a possible cause of ovarian carcinogenesis  
Yashiro Motooka (Kumamoto University) et al.
- ISP-1- 10. Analysis of risk factors for perioperative complications associated with radical abdominal hysterectomy  
Kenta Nitahara (Kyushu University Hospital) et al.

16 : 40~17 : 20

**Group 2 Endometrial Cancer 1**

Chair : Yamagata University Satoru Nagase

- ISP-2- 1. Isolated tumor cells and micrometastases in regional lymph nodes are an intermediate risk of recurrence in endometrial cancer  
Jongmyung Park (Kurume University) et al.
- ISP-2- 2. Characteristics of FDG-PET/CT findings in uterine leiomyosarcoma-Evaluation based on FDG distribution patterns and SUV values-  
Makoto Murakami (Osaka City General Hospital) et al.
- ISP-2- 3. Searching comprehensive transcript of sex hormone related gene *TACC2* using MinION Nanopore sequencer  
Yosuke Ito (Juntendo University Hospital, Juntendo University) et al.
- ISP-2- 4. Elucidation of the clinicopathological characteristics of *POLE*-mutated endometrial cancer  
Mahina Monsur (Kumamoto University) et al.
- ISP-2- 5. Identification of novel companion biomarkers to discriminate the risk of recurrence for endometrial cancer  
Kaidiliayi Sulidan (Juntendo University) et al.
- ISP-2- 6. The high expression of claudin-6 is a poor prognostic factor in uterine endometrial cancer  
Manabu Kojima (Fukushima Medical University) et al.
- ISP-2- 7. Metformin May Attenuate the Effect of Hyperprolactinemia During Fertility-Sparing Treatment Using Medroxyprogesterone Acetate for Atypical Endometrial Hyperplasia and Endometrial Cancer  
Yuji Habu (Chiba University) et al.
- ISP-2- 8. Rseveratrol inhibits proliferation and causes apoptosis of uterine sarcoma cells through inhibition of Wnt signaling and AKT pathway  
Ayuka Mineda (Tokushima University) et al.
- ISP-2- 9. Ultrastructural changes in endometrial cells over time with high-dose medroxyprogesterone acetate therapy  
Takashi Yamada (Nippon Medical School) et al.

## April 12 (Friday) Poster ②

Bldg.2, 3F : Conference Room 231

16 : 40~17 : 20

### Group 3 Cervical Cancer/CIN/SIL 1

Chair : Hirosaki University Yoshihito Yokoyama

- ISP-3- 1. Analysis of pregnant and postpartum women with cervical intraepithelial neoplasia  
Hidenori Sasa (National Defense Medical College) et al.
- ISP-3- 2. Safety and efficacy of 5-aminolevulinic acid photodynamic therapy (5-ALA-PDT) for cervical intraepithelial neoplasia 2 and 3 using newly developed apparatus  
Yoji Hisamatsu (Kansai Medical University) et al.
- ISP-3- 3. Resection margins and outcome of cervical intraepithelial neoplasia treated by the Shimodaira-Taniguchi conization procedure : A retrospective analysis of 133 cases  
Yukako Oi (Kaizuka City Hospital) et al.
- ISP-3- 4. *Insulin like growth factor 2 receptor* is a novel prognostic biomarker and behaves as an oncogene in cervical cancer through escape from Golgi-centered catastrophe  
Takashi Takeda (Keio University) et al.
- ISP-3- 5. The tumor marker CA19-9 as the prognostic factor in cervical cancer  
Fuminori Ito (Nara Prefecture General Medical Center) et al.
- ISP-3- 6. Genomic Alteration Profiles of Patients with Cervical Cancer in a Japanese Population  
Sou Hirose (Division of Genome Biology, National Cancer Center Research Institute) et al.
- ISP-3- 7. Elevated bone marrow FDG-uptake can predict disease progression in gynecological cancers  
Kotaro Shimura (Osaka University) et al.
- ISP-3- 8. Infiltration of plasma cells into stroma is increased in higher grade CIN patients  
Akira Kawata (The University of Tokyo) et al.

16 : 40~17 : 20

### Group 4 Cervical Cancer/CIN/SIL 2

Chair : Shizuoka Cancer Center Yasuyuki Hirashima

- ISP-4- 1. Concurrent chemoradio-therapy (CCRT) for stage IVB cervical cancer with symptomatic bleeding  
Ryo Nagata (Yokohama City University Hospital) et al.
- ISP-4- 2. Paclitaxel plus cisplatin as adjuvant chemotherapy after radical hysterectomy for intermediate- and high-risk stage IB-IIB cervical cancer  
Masahiro Shimomura (Osaka City University) et al.

- ISP-4- 3. Protective effect of magnesium supplementation on cisplatin-induced renal toxicity in patients with uterine cervical cancer  
Yuta Inoue (Osaka City University) et al.
- ISP-4- 4. Clinical treatment and survival outcomes for small cell carcinoma of the uterine cervix : A retrospective analysis of 12 cases  
Kensuke Hamamura (Juntendo University Nerima Hospital) et al.
- ISP-4- 5. Treatment outcomes and patterns of recurrence of radical hysterectomy by open, laparoscopy and robotic system for early cervical cancer  
Masako Ishikawa (Shimane University) et al.
- ISP-4- 6. Usefulness of HPV genotyping after conservative treatment for cervical intraepithelial neoplasia for predicting residual/recurrent disease is limited  
Koichiro Kawano (Kurume University) et al.
- ISP-4- 7. Evaluation of QOL (quality of life)/PRO (patient reported outcome) after Radical hysterectomy for cervical cancer  
Aki Hara (Saitama Cancer Center) et al.

16 : 40~17 : 20

**Group 5 Cervical Cancer/CIN/SIL 3**

Chair : Tokyo Health Service Association Kaneyuki Kubushiro

- ISP-5- 1. Pulmonary tumor thrombotic microangiopathy (PTTM) in a patient with cervical cancer  
Asuka Yano (Otowa Hospital) et al.
- ISP-5- 2. Two cases of arterio-ureteral fistula with uterine cervical cancer  
Syoko Ochiai (Dokkyo Medical University) et al.
- ISP-5- 3. No adjuvant therapy for intermediate-risk group of cervical cancer after radical hysterectomy  
Hideaki Yahata (Kyushu University Hospital) et al.
- ISP-5- 4. A case of squamous cell carcinoma arising from mucosal epithelium of prolapsed pedunculated uterine cervical leiomyoma  
Shota Inoue (Ehime University Hospital) et al.
- ISP-5- 5. Cervical carcinoma with pleomorphic and bizarre nuclei : A Case Report  
Atsushi Tohyama (University of Occupational and Environmental Health) et al.
- ISP-5- 6. Analysis of Atypical Glandular Cells (AGC) cases in our department  
Rieko Kawase (Nippon Medical School) et al.
- ISP-5- 7. The current status of treatment for uterine cervical cancer in our department  
Akiko Abe (Tokushima University) et al.
- ISP-5- 8. Pelvic exenteration to offer symptom palliation to the patient with stage 4B uterine cervical cancer suffered from rectovaginal fistula : A case report  
Shigenori Furukawa (Fukushima Medical University) et al.



- ISP-5- 9. Spontaneous Uterine Rupture Secondary to Pyometra in a Cervical Cancer Patient : A Case Report  
 Maria Concepcion Cenizal-Santos (St. Luke's Medical Center, Quezon City, Philippines) et al.

### April 12 (Friday) Poster ③

Bldg.2, 3F : Lobby

16 : 40~17 : 20

#### Group 6 Other Malignant or Benign Tumor 1

Chair : Kobe Tokushukai Hospital Satoshi Takeuchi

- ISP-6- 1. A case of retroperitoneal lymphangi leiomyomatosis mimicking gynecologic malignancy  
 Shozo Yoshida (Osaka Gyoumeikan Hospital) et al.
- ISP-6- 2. Presacral schwannoma which was difficult to differentiate from ovarian tumor  
 Yoko Tsuzuki (Teine Keijinkai Hospital) et al.
- ISP-6- 3. Primary amelanotic Malignant Melanoma arising from the vagina : A case report  
 Hiroshi Harada (University of Occupational and Environmental Health) et al.
- ISP-6- 4. Multi-organ metastases of primary retroperitoneal mucinous cystadenocarcinoma  
 Kazuma Onishi (Japanese Red Cross Nagoya Daiichi Hospital) et al.
- ISP-6- 5. Seven malignant tumors found in cervical polyps by a histological evaluation  
 Miyako Sakanaka (Kasumigaura Medical Center) et al.
- ISP-6- 6. A Rare Coexistence of Struma Ovarii and Serous Cystadenoma in a Unilocular Ovarian Cyst. A Review of Literature  
 Jessalyn Sim (Cardinal Santos Medical Center, Philippines) et al.

### April 12 (Friday) Poster ④

Bldg.2, 3F : Conference Room 232+233

16 : 40~17 : 20

#### Group 7 Ovarian/Tubal/Peritoneal Cancer 1

Chair : Iwate Medical University Hiroaki Itamochi

- ISP-7- 1. E2F2 expression contributes to paclitaxel resistance of ovarian cancer cells  
 Mayuko Miyamoto (Osaka University) et al.
- ISP-7- 2. Fatty acid promotes cell proliferation and migration via LSR in ovarian cancer  
 Kosuke Hiramatsu (Center for Intractable Immune Disease, Kochi University) et al.
- ISP-7- 3. High mesenchymal state may correlate with ferroptosis and cisplatin sensitivity in ovarian cancer  
 Yoko Furutake (Kyoto University) et al.

- ISP-7- 4. Germline and somatic mutations of homologous recombination associated genes in ovarian cancer  
Kentaro Sugino (Niigata University) et al.
- ISP-7- 5. Metabolome analysis for discovering new therapeutic target of ovarian cancer cells treated with paclitaxel  
Manabu Seino (Yamagata University) et al.
- ISP-7- 6. Endometriosis-associated ovarian cancer and benign endometrioma : 9 years retrospective study  
Takuma Yamada (Ishikawa Prefectural Central Hospital) et al.
- ISP-7- 7. Prediction of anticancer drug resistance by CDX2 in ovarian mucinous carcinoma  
Iemasa Koh (Hiroshima University) et al.
- ISP-7- 8. A lncRNA *LUCAT1* is associated with taxane-resistance acquisition in ovarian cancer via interaction of *miR-7-5p* and *TSPAN2* : Multi-omics and *in silico* analyses  
Satoshi Tamauchi (Nagoya University) et al.
- ISP-7- 9. Integrated extracellular microRNA profiling for ovarian cancer screening  
Akira Yokoi (Division of Molecular and Cellular Medicine, National Cancer Center Research Institute) et al.
- ISP-7- 10. Anti-cancer effect of Poly (ADP-ribose) polymerase (PARP) inhibitor (olaparib) with DNA-demethylating agents (5-azacytidine) in ovarian cancer  
Soo Young Jeong (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.

16 : 40~17 : 20

**Group 8 Ovarian/Tubal/Peritoneal Cancer 2**

Chair : Saga University Masatoshi Yokoyama

- ISP-8- 1. Resistance to chemotherapy-induced apoptosis via EpCAM/Bcl-2 axis in the subpopulation of ovarian cancer stem cells  
Takeshi Motohara (Kumamoto University Hospital) et al.
- ISP-8- 2. CD70 antibody-drug conjugate : A novel therapeutic agent for platinum-resistant ovarian carcinoma  
Mayu Shiomi (Osaka University) et al.
- ISP-8- 3. CXCL13 induces tertiary lymphoid structures and is a potential therapeutic target for ovarian cancer  
Masayo Ukita (Kyoto University) et al.
- ISP-8- 4. Myeloid derived suppressor cells (MDSC) increase cancer stem-like cells (CSC) and tumor PD-L1 expression in ovarian cancer  
Naoko Komura (Osaka University) et al.
- ISP-8- 5. Identification of new synthetic lethal target for ARID1A mutation in ovarian clear cell carcinoma  
Naoki Kawahara (Nara Medical University) et al.

- ISP-8- 6. Targeting metabolism of ovarian cancer as new therapeutic strategy  
Kei Kudo (Miyagi Cancer Center) et al.
- ISP-8- 7. Withdrawn

16 : 40~17 : 20

**Group 9 Ovarian/Tubal/Peritoneal Cancer 3**

Chair : Dokkyo Medical University Kiyoshi Hasegawa

- ISP-9- 1. The relationship between SUVmax on PET/CT and ADC values of diffusion-weighted MRI in ovarian clear cell carcinomas  
Kaori Kiuchi (Dokkyo Medical University) et al.
- ISP-9- 2. Comparison of diagnostic usefulness before first-line chemotherapy in ovarian cancer and primary peritoneal cancer : Cell block diagnosis vs. laparoscopic biopsy  
Ryosuke Takahashi (Kobe University Hospital) et al.
- ISP-9- 3. Biomarkers for distinguishing endometriosis-related ovarian neoplasms from benign ovarian endometrioma  
Hiroki Shinmura (Nippon Medical School) et al.
- ISP-9- 4. Serum HE4, CA125, CA19-9, and Risk of malignancy algorithm (ROMA) in the preoperative assessment of Japanese patients with ovarian tumor  
Makoto Iizuka (Dokkyo Medical University Saitama Medical Center) et al.
- ISP-9- 5. Clinical experiences with olaparib therapy for recurrent ovarian, fallopian tube, and primary peritoneal cancers  
Tomohiko Takei (Kansai Rosai Hospital) et al.
- ISP-9- 6. Significance of isolated distal deep vein thrombosis in patients with ovarian cancer  
Akira Yabuno (Saitama Medical University International Medical Center) et al.
- ISP-9- 7. Efficacy and Safety of Gemcitabine and Carboplatin with or without Bevacizumab in Patients with Platinum-Resistant/Refractory Epithelial Ovarian, Primary Peritoneal or Fallopian Tube Cancer  
Hiroki Nasu (Kurume University) et al.
- ISP-9- 8. Implementation of extensive cytoreduction resulted in improved survival outcomes for patients with early-stage ovarian cancers  
Shinichi Tate (Chiba University Hospital) et al.
- ISP-9- 9. Survey on Cancer and Reproductive Medicine for Germ Cell Tumors in Japan  
Norihito Yoshioka (Japan Agency for Medical Research and Development (AMED) Oncofertility Research Osuga Group) et al.
- ISP-9- 10. Old age as a poor prognostic factor in epithelial ovarian cancer : What is the best age cutoff?  
Myeong Seon Kim (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.

16 : 40~17 : 20

**Group 10 Ovarian/Tubal/Peritoneal Cancer 4**

Chair : University of Occupational and Environmental Health Kiyoshi Yoshino

- ISP-10- 1. Clinicopathologic characteristics of ovarian clear cell carcinomas with Trousseau's syndrome (TS) in comparison to those without TS-a preliminary report  
Kazuya Onuma (Shonankamakura General Hospital) et al.
- ISP-10- 2. Relationship between the precursors of high grade serous ovarian cancer and patient characteristics : Decreased incidence of the p53 signature in pregnant women  
Tsutomu Ida (Tokyo Metropolitan Tama Medical Center) et al.
- ISP-10- 3. Safety of bowel resection and upper abdominal surgery for advanced ovarian cancer performed by gynecologic oncologists  
Kyoko Nishikimi (Chiba University Hospital) et al.
- ISP-10- 4. Pertreatment prognostic nutritional index and prognosis in patients with ovarian cancer  
Masuyo Matsumoto (Kobe University) et al.
- ISP-10- 5. Bevacizumab improves prognosis in platinum refractory ovarian cancer patients : A retrospective study  
Kenro Chikazawa (Jichi Medical University, Saitama Medical Center) et al.
- ISP-10- 6. Experience of Poly (ADP-ribose) polymerase inhibitor (olaparib) treatment for Japanese women with platinum sensitive recurrent ovarian cancer  
Atsumu Terada (Kurume University Hospital) et al.
- ISP-10- 7. Clinicopathologic observation on synchronous double primary ovarian cancer and uterine cervical cancer : A case report  
Linka Koun (Khmer Soviet Friendship Hospital, Cambodia) et al.

16 : 40~17 : 20

**Group 11 Trophoblastic Disease/Familial Tumor**

Chair : Wakayama Medical University Kazuhiko Ino

- ISP-11- 1. Clinical background and outcomes of risk-reducing salpingo-oophorectomy for hereditary breast and ovarian cancers in Japan  
Hidetaka Nomura (HBOC Consortium of Japan) et al.
- ISP-11- 2. Detection of hereditary gynecologic cancer by screening and risk assessment using questionnaires in gynecological outpatient clinic  
Kenta Takahashi (Tokyo Medical and Dental University, Medical Hospital) et al.
- ISP-11- 3. High-grade serous ovarian carcinoma with platinum-sensitivity as a surrogate biomarker of homologous recombination deficiency predicting response to olaparib  
Koji Kumagai (Osaka Railway Hospital) et al.

- ISP-11- 4. Clinical outcome of risk reduced salpingo-oophorectomy in BRCA1/2 mutation carriers  
Kazunari Fujino (Juntendo University Hospital, Juntendo University) et al.
- ISP-11- 5. Clinical predictive factor of developing gestational trophoblastic neoplasia after treatment for molar pregnancy  
Shingo Miyamoto (Showa University) et al.
- ISP-11- 6. An invasive mole with massive bleeding 1 week after evacuation due to embryonic death : A case report  
Ai Ikki (Nippon Medical School) et al.
- ISP-11- 7. HDliveFlow silhouette mode with HDlive silhouette mode for diagnosis of molar pregnancy  
Kenta Yamamoto (Kagawa University) et al.
- ISP-11- 8. A case of choriocarcinoma with sinusoidal fetal heart rate pattern  
Toma Fukuda (Fukushima Medical University Hospital) et al.

**April 12 (Friday) Poster ⑤**  
**Bldg.2, 3F : Conference Room 234**

16 : 40~17 : 20

**Group 12 Surgery**

Chair : Nippon Medical School Shigeo Akira

- ISP-12- 1. Analysis of ureteral injury associated with obstetrical and gynecological surgery : A 15-year retrospective study at a single institute  
Tomohiro Arai (Tokyo Metropolitan Tama Medical Center) et al.
- ISP-12- 2. Analgesic effect of scheduled postoperative intravenous acetaminophen in gynecological laparoscopic surgery : A retrospective study  
Toshiya Itoh (Hamamatsu University School of Medicine) et al.
- ISP-12- 3. Experience of laparoscopic surgery against endometrial cancer  
Yoko Hasumi (Mitsui Memorial Hospital) et al.
- ISP-12- 4. Twice successful deliveries following modified McDonalds cerclage for a woman experiencing threatened premature labor after abdominal trachelectomy : A case report  
Miki Nishizawa (Teikyo University Hospital) et al.
- ISP-12- 5. Laparoscopic cystectomy of ovarian teratoma with minimally invasive 3.5 mm trocars complicated with anti-NMDA-receptor antibody negative encephalitis  
Takayuki Rikitake (Toho University Omori Medical Center) et al.
- ISP-12- 6. Four cases of laparoscopic para-aortic lymphadenectomy for endometrial cancer  
Mariko Ikeda (Nippon Medical School) et al.
- ISP-12- 7. Retrospective study of hemorrhagic factors in laparoscopic myomectomy  
Takehiko Tsuchiya (Toho University Omori Medical Center) et al.

- ISP-12- 8. A case of laparoscopic surgery for benign multicystic peritoneal mesothelioma with suspected endometrial carcinoma  
Matome Imai (Ehime University Hospital) et al.
- ISP-12- 9. Laparoscopic versus open surgery for severe pelvic inflammatory disease and tubo-ovarian abscess : A retrospective cohort study using a national inpatient database  
Daisuke Shigemi (Department of Clinical Epidemiology & Health Economics, The University of Tokyo)

16 : 40~17 : 20

**Group 13 Perinatal Care 1**

Chair : Kurume University Toshiyuki Yoshizato

- ISP-13- 1. Trimester specific difference in exosomal microRNA expression  
Ayako Fudono (Tokyo Medical and Dental University) et al.
- ISP-13- 2. Study on the Kinetics of Pregnancy-Related Proteins Comparing Non-Human Primate and Human  
Hirofumi Kashiwagi (Tokai University) et al.
- ISP-13- 3. Effect of urinary trypsin inhibitor on pregnancy course in patients with threatened preterm delivery  
Yohei Nagaya (Japanese Red Cross Yamaguchi Hospital) et al.
- ISP-13- 4. D-dimer level and enoxaparin sodium after cesarean section : A retrospective study  
Keisuke Miyamoto (Japanese Red Cross Yamaguchi Hospital) et al.
- ISP-13- 5. Serum 25(OH)D levels in maternal and umbilical cord blood show a seasonal variation in pregnant women  
Eishi Sogawa (Tokushima University) et al.
- ISP-13- 6. Deletion of ER $\alpha$  in T cells exacerbates glucose tolerance by causing chronic inflammation of the visceral adipose tissue in gestational diabetic mice  
Tomoko Tanaka (University of Toyama) et al.
- ISP-13- 7. Difference of antenatal screening and management for vasa previa between perinatal center and primary hospital in Japan  
Natsumi Furuya (St. Marianna University School of Medicine Hospital) et al.
- ISP-13- 8. The features of abnormality pattern in screening tests for gestational diabetes mellitus in pregnant women with advanced maternal age  
Takashi Natsume (The University of Tokyo Hospital) et al.
- ISP-13- 9. Evaluation of nine patients with cesarean scar pregnancies in our own experiences  
Tsuguto Notomi (Nippon Medical School Hospital) et al.
- ISP-13- 10. Bleeding during conservative management of retained products of conception  
Risa Fujishima (Kindai University Hospital) et al.

16 : 40~17 : 20

**Group 14 Perinatal Care 2**

Chair : Nippon Medical School Tama Nagayama Hospital Atsuko Sekiguchi

- ISP-14- 1. Rate and complications of trial of labor after caesarean (TOLAC) in Japan  
Aya Takeya (Department of Health Informatics, Kyoto University) et al.
- ISP-14- 2. Novel prediction approach for arrested labor using transperineal ultrasound  
Eriko Yano (The University of Tokyo Hospital) et al.
- ISP-14- 3. Acute onset intrapartum sepsis caused by group G streptococcus (GGS) infection, a case report  
Kazumi Tada (Dokkyo Medical University) et al.
- ISP-14- 4. Current situation and system of top emergency caesarean section in our department  
Akiho Nakamura (Shimane University) et al.
- ISP-14- 5. Optimal dosage of continuous epidural infusion for labor analgesia : A retrospective study  
Keiko Yabuzaki (The Jikei University School of Medicine) et al.
- ISP-14- 6. Unscarred uterine rupture in retained placenta : A case report  
Jun Okaniwa (Gunma University Hospital) et al.
- ISP-14- 7. Combine contrast-enhanced ultrasonography and uterine balloon tamponade for intrauterine evacuation  
Rie Seyama (Juntendo University) et al.
- ISP-14- 8. The incidence of endometritis after cesarean delivery with prophylactic ampicillin versus cefazolin administration : A single-center, retrospective study  
Masashi Funauchi (Osaka University Hospital) et al.

16 : 40~17 : 20

**Group 15 Preterm Labor 1**

Chair : University of Toyama Noriko Yoneda

- ISP-15- 1. HHV-6 and HHV-7 associated with infertility and premature delivery  
Satoshi Nagamata (Kobe University Hospital) et al.
- ISP-15- 2. Apoptosis signal-regulating kinase1 (ASK1) is involved in inflammation-induced preterm birth by sensing excess reactive oxygen species  
Midori Yoshikawa (The University of Tokyo) et al.
- ISP-15- 3. Consideration of galectin-3 as a premature birth prediction marker  
Satoshi Urabe (Hiroshima University) et al.
- ISP-15- 4. Glucocorticoid weakens fetal membranes via IL-1B production by amniotic fluid macrophage  
Hikaru Kiyokawa (Kurashiki Central Hospital) et al.
- ISP-15- 5. Ligustilide inhibits oxytocin-induced human myometrial contraction  
Yusuke Ueda (Kyoto University) et al.

- ISP-15- 6. Criteria for clinical chorioamnionitis are not useful for the prediction of intraamniotic infection  
Yohei Maki (University of Miyazaki) et al.
- ISP-15- 7. The relationship between threatened premature delivery and vaginal microbiome  
Yuuki Sasagawa (Kobe University Hospital) et al.
- ISP-15- 8. Ureaplasma and mycoplasma in the vagina, as a risk factor for premature labor  
Yu Osaka (Mie Chuo Hospital) et al.
- ISP-15- 9. Maternal immune activation impair the microglia properties in fetal and neonatal period  
Kana Ozaki (Kobe University) et al.

16 : 40~17 : 20

**Group 16 HDP/Epigenetics**

Chair : The University of Tokyo Takayuki Iriyama

- ISP-16- 1. Transcriptional factor EB (TFEB) might be a new therapeutic target of preeclampsia from the placental findings of trophoblasts-specific autophagy knockout mouse model  
Akitoshi Nakashima (University of Toyama) et al.
- ISP-16- 2. Comprehensive metabolic analysis for early-onset preeclampsia in the first trimester  
Hyo Kyojuka (Fukushima Medical University) et al.
- ISP-16- 3. LIGHT elevation underlies sFlt-1 overproduction in hydatidiform mole : An implication for the pathogenic link between molar pregnancy and preeclampsia  
Haruka Matsui (The University of Tokyo) et al.
- ISP-16- 4. Predictive value of the TSH/FT4 ratio in women with suspected PE or GH  
Megumi Ashimura (Osaka City University Hospital) et al.
- ISP-16- 5. Low haptoglobin at the onset of Hypertensive Disorders of Pregnancy predicts poor pregnancy outcomes  
Nozomi Kubo (Kyoto University Hospital) et al.
- ISP-16- 6. Might endothelial dysfunction in preeclampsia be involved in eNOS uncoupling?  
Yoshikatsu Suzuki (Aichi Medical University) et al.
- ISP-16- 7. sFlt-1/PIGF Ratio for Prediction of Adverse Pregnancy Outcomes in Preeclampsia  
Hae-Rin Jeon (College of Medicine, Gachon University of South Korea, Korea) et al.



## April 12 (Friday) Poster ⑥

Bldg.2, 3F : Foyer

16 : 40~17 : 20

### Group 17 Maternal Complications—Infection/Hematology/Kidney

Chair : University of Tsukuba Mana Obata

- ISP-17- 1. A case of invasive pneumococcal disease in pregnancy  
Teruyuki Yoshimitsu (Omuta City Hospital) et al.
- ISP-17- 2. High levels of FDP and D-dimer for diagnosis of invasive group A streptococcal infection in pregnancy : A review  
Naoki Matsumoto (Matsumoto Women's Health Clinic)
- ISP-17- 3. Pott's Paraplegia in the Third Trimester of Pregnancy : A Case Report  
Margaret Rose Bocaya (Amang Rodriguez Memorial Medical Center, Philippines) et al.
- ISP-17- 4. A case of Rhesus(D) incompatible pregnancy treated with double filtration plasmapheresis (DFPP)  
Yuriko Oomori (Hiroshima University Hospital) et al.
- ISP-17- 5. High-dose intravenous immunoglobulin therapy for pregnant women with aspirin-heparin-resistant secondary antiphospholipid syndrome  
Masao Shimaoka (Kobe University Hospital) et al.
- ISP-17- 6. A case of congenital coagulant factor V deficiency that has been disclosed after the incidents of repeated postpartum hemorrhage  
Kazuhiro Nishioka (Kindai University Nara Hospital) et al.
- ISP-17- 7. Venous thromboembolism in pregnancy and puerperium : A single-center retrospective case series study  
Kenji Izumi (Tokai University Hospital) et al.
- ISP-17- 8. Prediction of perinatal prognosis in pregnancies complicated to renal diseases  
Yuri Ishida (Juntendo University Urayasu Hospital) et al.
- ISP-17- 9. Pregnancy in woman with Alport syndrome : A case report and a review of literature  
Yuki Mizuguchi (Nasu Red Cross Hospital) et al.

16 : 40~17 : 20

### Group 18 Maternal Complications—Gastroenterology/Gynecology/Others

Chair : Sapporo Medical University Shin-Ichi Ishioka

- ISP-18- 1. The pregnancy outcome of women with ulcerative colitis after total proctocolectomy and received only medication  
Shota Horikawa (Yamagata University Hospital) et al.
- ISP-18- 2. Seven cases of acute appendicitis in pregnancy  
Yoshinori Takeda (Nara Medical University) et al.

- ISP-18- 3. Pancreatic adenocarcinoma in pregnancy  
Han Ying Chen (National Taiwan University Hospital, Taiwan) et al.
- ISP-18- 4. Pregnancy outcome and complications of myotonic dystrophy : A study of 5 patients and review of the literature  
Eri Tani (Toyama University Hospital) et al.
- ISP-18- 5. Effect of psychotropic drugs on fetal behavior in the third trimester of pregnancy  
Mohamed Aboellail (Kagawa University) et al.
- ISP-18- 6. Risk factors for adverse pregnancy outcomes and neonatal thyroid dysfunction in pregnancies complicated by Graves' disease  
Keiichi Washio (Kobe University Hospital) et al.
- ISP-18- 7. Obstetrical prognosis of patients who underwent vaginal radical trachelectomy (RT) during pregnancy  
Mina Umemoto (Sapporo Medical University Hospital) et al.
- ISP-18- 8. The analysis of the perinatal complications in women with endometriosis  
Mari Kitade (Juntendo University) et al.
- ISP-18- 9. Moyamoya disease in pregnancy : 6 case reports in our hospital  
Mariya Kobayashi (Rinku General Medical Center) et al.

## April 12 (Friday) Poster ⑦

Bldg.3, 3F : Passage

16 : 40~17 : 20

### Group 19 FGR/Multiple Pregnancy/Others

Chair : Toho University Omori Medical Center Masahiko Nakata

- ISP-19- 1. Middle cerebral artery peak systolic velocity can be a parameter for fetal abnormal condition  
Takuji Ueno (TOYOTA Memorial Hospital) et al.
- ISP-19- 2. Fetal cardiac output in growth restriction with or without cerebral blood flow redistribution  
Chiyori Sakamoto (Dokkyo Medical University Hospital) et al.
- ISP-19- 3. Assessment of time interval from the peak of E-wave to the peak of A-wave of ventricular inflow in fetuses with growth restriction  
Tomoki Suekane (Osaka City University) et al.
- ISP-19- 4. Interval between diagnosis of fetal growth restriction and the timing of delivery  
Natsuko Yokoi (Osaka City University) et al.
- ISP-19- 5. The relationship between gestational thrombocytopenia and postpartum hemorrhage  
Miho Iwasa (Japanese Red Cross Medical Center) et al.
- ISP-19- 6. The prediction of twin-twin transfusion syndrome using velocity-time integrals of ductus venosus flow  
Mayumi Takano (Toho University) et al.

- ISP-19- 7. Fetal demise after laser surgery for monochorionic twin occur in recipient twin of TTTS or smaller twin of sIUGR  
Sumito Nagasaki (Toho University Omori Medical Center) et al.
- ISP-19- 8. Monochorionic triamniotic triplet pregnancy with feto-fetal transfusion syndrome treated by fetoscopic laser surgery  
Susumu Murata (Yamaguchi University) et al.
- ISP-19- 9. Prenatal spontaneous disruption of the dividing membrane in monochorionic diamniotic twins  
Satomi Tanaka (Juntendo University Shizuoka Hospital) et al.

## April 12 (Friday) Poster ⑧

Bldg.3, 3F : Passage

16 : 40~17 : 20

### Group 20 Prenatal Diagnosis 1

Chair : Miyagi Children's Hospital Jun Murotsuki

- ISP-20- 1. Effect of fetal ultrasound screening at 12-14 weeks scan of fetal anomalies  
Hiroaki Tsubokura (Kansai Medical University Hirakata Hospital) et al.
- ISP-20- 2. A novel deep learning based system for anomaly detection in fetal cardiac ultrasound screening  
Masaaki Komatsu (AIP Center, RIKEN) et al.
- ISP-20- 3. Prenatal and neonatal ultrasonography of low-type imperforate anus with anocutaneous fistula  
Takashi Kaji (Tokushima University) et al.
- ISP-20- 4. Fetal hepatic hemangioma diagnosed in utero using Doppler microvascular imaging  
Masato Yokomine (Kurume University) et al.
- ISP-20- 5. Current steady Down syndrome live births in Japan  
Aiko Sasaki (Maternal-Fetal, Neonatal and Reproductive Center, National Center for Child Health and Development) et al.
- ISP-20- 6. Hemodynamic changes of the influence by complete atrial ventricular block in the fetuses  
Yuka Yamamoto (Juntendo University Urayasu Hospital) et al.
- ISP-20- 7. A case of intra-amniotic levothyroxine treatment for fetal goiter after preconception hysterosalpingography using an oil-soluble iodinated contrast medium  
Tomomi Yamazaki (Hiroshima University Hospital) et al.
- ISP-20- 8. Genetic counseling for advanced maternal age : Our 3 years experience  
Rina Tashima (Kansai Rosai Hospital) et al.

16 : 40~17 : 20

**Group 21 Candidates for Exchange Program 2**

Chair : Kyoto Prefectural University of Medicine Morio Sawada

- ISP-21- 1. Surgical site infection mimicry : Two cases of pyoderma gangrenosum after caesarian section  
Tsuyoshi Murata (Fukushima Medical University) et al.
- ISP-21- 2. Dasatinib in pregnancy-Fetal hydrops and mirror syndrome-  
Naosuke Enomoto (Yokkaichi Municipal Hospital) et al.
- ISP-21- 3. Moyamoya disease in pregnancy : A 20-year experience and review of the literature  
Yoshihide Inayama (Kyoto University Hospital) et al.
- ISP-21- 4. Introducing tight systolic blood pressure control before 16 weeks' gestation is associated with good pregnancy outcomes in patients with chronic hypertension  
Akihiko Ueda (Kyoto University Hospital) et al.
- ISP-21- 5. (Pro)renin receptor-mediated intracellular signaling in the human trophoblast HTR-8/SVneo cell line  
Shoko Tamada (Okayama University Hospital) et al.
- ISP-21- 6. Suppressive effect of nicotine on nutrient transport system in BeWo cells  
Takako Sadakane (Hiroshima University) et al.
- ISP-21- 7. Elastography for predicting time to delivery at third trimester  
Yoshie Yo (Kindai University Hospital) et al.

**April 12 (Friday) Poster ⑨**

Bldg.3, 3F : Passage

16 : 40~17 : 20

**Group 22 Abnormal Placenta/PPH**

Chair : Nippon Medical School Chiba Hokusoh Hospital Gen Ishikawa

- ISP-22- 1. Embryo transfer during hormone replacement therapy cycles increases morbidly adherent placenta  
Yuya Sakai (Kanazawa University) et al.
- ISP-22- 2. Prophylactic balloon occlusion of the common iliac artery is more effective to reduce massive bleeding than balloon occlusion of internal iliac artery in placenta previa  
Kanto Shozu (University of Toyama) et al.
- ISP-22- 3. Delivery of placenta with cord traction at cesarean section reduced the intraoperative and postpartum hemorrhage in women with placenta previa  
Kayoko Terada (Nippon Medical School) et al.

- ISP-22- 4. Management of placenta previa complicated with venous thromboembolism requiring heparin treatment during pregnancy : A case report  
Hiroyoshi Ko (Jichi Medical University, Saitama Medical Center) et al.
- ISP-22- 5. Safety and efficacy of removal surgery for retained products of conception that exhibit hypervascularity, without concurrent uterine artery embolization  
Asuka Sato (Chiba University) et al.
- ISP-22- 6. Effect of novel dedicated needle for uterine compression suture we developed and Bakri balloon for management of postpartum hemorrhage with placenta previa/ low-lying placenta : A single-center 10 year review  
Mariko Jitsumori (Osaka University) et al.
- ISP-22- 7. Bradykinin Receptor Type 1 Expression as a Potent Factor on the Pathogenesis of Uterine Interstitial Edema in Postpartum Acute Myometritis  
Yi Shen (Hamamatsu University School of Medicine) et al.
- ISP-22- 8. Placental adhesion suspected by surgeon during caesarian section might predict massive postpartum hemorrhage with placenta previa  
Hiroki Ishibashi (National Defense Medical College Hospital) et al.
- ISP-22- 9. The evaluation of the treatment strategy for puerperal genital haematoma to establish the optimal and reliable treatment algorithm considering the condition of the patients  
Shu Soeda (Fukushima Medical University) et al.
- ISP-22- 10. Wireless ultrasonography guided uterine incision in cesarean section  
Min Jung Choi (Gachon University Gil Medical Center of Korea, Korea) et al.
- ISP-22- 11. The effect of acute bleeding on fetal heart rate parameters in adherent placenta previa  
Jeongkyu Hoh (Hanyang University of Korea, School of Medicine, Korea) et al.

### April 12 (Friday) Poster ⑩

Bldg.4, 3F : Conference Room 431+432

16 : 40~17 : 20

#### Group 23 Reproductive Physiology/Endocrinology 1

Chair : Shimane University Haruhiko Kanasaki

- ISP-23- 1. Genome-wide epigenome analysis and genome editing identified a novel enhancer region for IGFBP-1 expression during decidualization in human endometrial stromal cells  
Isao Tamura (Yamaguchi University Hospital) et al.
- ISP-23- 2. The reduction of sexual behavior in adult female rats exposed to immune stress in neonatal period was associated with reduced expression of progesterone receptors in hypothalamus  
Toshiya Matsuzaki (Tokushima University) et al.

- ISP-23- 3. An investigation into the functional differences between endometrial mesenchymal and epithelial progenitor cells in endometriosis patients and control subjects  
Shunsuke Tamaru (Saitama Medical University) et al.
- ISP-23- 4. Effect of metformin on subcellular expression of androgen receptor in endometrial adenocarcinoma and stromal cell lines  
Miki Ohara (Fukushima Medical University) et al.
- ISP-23- 5. Successful delivery of a patient with P450 oxidoreductase deficiency  
Kazuki Saitou (Tokyo Medical and Dental University) et al.
- ISP-23- 6. The role and regulation of peroxisome proliferator-activated receptor gamma coactivator 1-alpha (PGC1A) in decidualization of human endometrial stromal cells  
Haruka Takagi (Yamaguchi University Hospital) et al.
- ISP-23- 7. Novel function of thyroid hormone during decidualization in human endometrial stromal cells and its molecular mechanism  
Maiko Kobayashi (Kansai Medical University) et al.

16 : 40~17 : 20

**Group 24 Reproductive Physiology/Endocrinology 2**

Chair : Gunma University Hiroshi Kishi

- ISP-24- 1. Low levels of plasma protein S as a risk factor for adverse pregnancy outcome  
Tomoko Kihara (Kobe University) et al.
- ISP-24- 2. Metabolic pathway of human endometrial stromal cell under hypoxic condition  
Takeharu Kido (Kansai Medical University) et al.
- ISP-24- 3. Influence of the orientation of a decellularized uterine scaffold on the tissue topology and architecture of the regenerated uterus in rats  
Fumie Miki (Keio University) et al.
- ISP-24- 4. The effect of soybeans on the anovulatory cycle  
Takafumi Kohama (KEIJU Medical Center)
- ISP-24- 5. Heart and neural crest derivatives-expressed transcript 2 involves in vascular maturation during decidualization of human endometrial stromal cells via fibroblast growth factor  
Hiromi Murata (Kansai Medical University) et al.
- ISP-24- 6. Distinctive subpopulations of the intestinal microbiota are present in women with unexplained chronic anovulation  
Hiroyuki Sasaki (Keio University) et al.
- ISP-24- 7. The efficacy and complications of TAE for the management of intractable uterine bleeding at our institute  
Emi Motegi (Dokkyo Medical University) et al.
- ISP-24- 8. A case of hypergonadotropic amenorrhea in adolescent without chromosomal abnormality  
Nana Matsuzawa (Juntendo University Shizuoka Hospital) et al.

16 : 40~17 : 20

**Group 25 Recurrent Pregnancy Loss 1**

Chair : Jichi Medical University Tatsuya Suzuki

- ISP-25- 1. Studies on the prognosis of pregnancy in patients with recurrent abortion who possess 46,XX/45,X mosaicism in their chromosomes  
Taro Nonaka (Niigata University Medical & Dental Hospital) et al.
- ISP-25- 2. Role of IL-33 and soluble ST2 in Cervical Mucus of Patients with Recurrent Pregnancy Loss  
Shinobu Goto (Nagoya City University) et al.
- ISP-25- 3. Intravenous immunoglobulin therapy in early pregnancy for recurrent miscarriage of unexplained etiology  
Maho Azumi (Kobe University Hospital) et al.
- ISP-25- 4. The investigation of pathogenic bacteria in female genital flora of patients with recurrent pregnancy loss by 16S rRNA gene sequencing  
Ryosuke Mori (Nagoya City University) et al.
- ISP-25- 5. Impact of DPP4 inhibitor as pre-conception treatment in recurrent pregnancy losses  
Risa Fujihara (Juntendo University Hospital, Juntendo University) et al.
- ISP-25- 6. The efficacy of danaparoid in patients with obstetric antiphospholipid syndrome  
Hiroyuki Yoshihara (Nagoya City University) et al.
- ISP-25- 7. Role of oxidative stress and anti-oxidative potency in patients with recurrent pregnancy loss  
Haruka Shibata (Nagoya City West Medical Center) et al.

16 : 40~17 : 20

**Group 26 ART 1**

Chair : Tokushima University Akira Kuwahara

- ISP-26- 1. Feasibility of Artificial Intelligence for Predicting Live Birth from a Blastocyst Image : A pilot study  
Yasunari Miyagi (Department of Artificial Intelligence, Medical Data Labo) et al.
- ISP-26- 2. Identification of informative polymorphic markers for preimplantation genetic testing for Duchenne muscular dystrophy  
Suguru Sato (Keio University) et al.
- ISP-26- 3. Analysis of vaginal and uterine microbiota of infertile women with repeated implantation failure  
Takuhiko Ichiyama (Saint Mother Hospital) et al.
- ISP-26- 4. Novel first trial to improve the clinical outcome of ROSI using PLCZ  
Takashi Yamaguchi (Saint Mother Hospital) et al.
- ISP-26- 5. Comparison of clinical results between progesterone primed ovarian stimulation and GnRH antagonist stimulation method  
Yusuke Fukuda (Toho University Omori Medical Center) et al.

- ISP-26- 6. Comparison of estrogen dynamics between long and antagonist protocols for ART reveals that the antagonist protocol results in stable estrogen kinetics  
Jun Kawagoe (Yamagata University) et al.
- ISP-26- 7. The comparison of pregnancy outcomes between patients with adequate endometrial growth and ones with slow endometrial growth using estrogen treatment for the preparation of FET  
Kyoko Nishimura (Yamagata University) et al.

16 : 40~17 : 20

**Group 27 Infertility**

Chair : Tokyo Women's Medical University Akira Nakabayashi

- ISP-27- 1. Expression of versican in mouse uterus during iimplantation  
Yusuke Sagae (Kyoto University) et al.
- ISP-27- 2. Chronic endometritis hampers human embryo implantation by reducing cell proliferation of luminal epithelium  
Yamato Fukui (The University of Tokyo) et al.
- ISP-27- 3. Apoptosis of Round Spermatids in Non-obstructive Azoospermia  
Motoharu Ohno (Saint Mother Hospital) et al.
- ISP-27- 4. Use of a numerical scoring system for endometrial adhesion to aid preoperative quantitative and site-specific adhesion assessments  
Masao Ichikawa (Nippon Medical School) et al.
- ISP-27- 5. Vitamin D Regulates Maternal T-Helper Cytokine Production in Infertile Women  
Yuko Ikemoto (Juntendo University Hospital, Juntendo University) et al.
- ISP-27- 6. Analysis for effectiveness of continuous estrogen administration in patients with diminished ovarian reserve  
Akari Nakajima (The Jikei University School of Medicine) et al.
- ISP-27- 7. Comprehensive analysis of immune complex antigen in seminal plasma and follicular fluids of infertile couple with low fertilization rate  
Naoko Murakami (Nagasaki University Hospital) et al.
- ISP-27- 8. Successful planned pregnancy in a woman with chronic myeloid leukemia showing molecular remission : A case report  
Yuka Furukawa (Takeda General Hospital) et al.

16 : 40~17 : 20

**Group 28 Women's Healthcare 1**

Chair : Tokyo Medical and Dental University Satoshi Obayashi

- ISP-28- 1. The survey of cases administered fibrinogen concentrate for obstetrical hemorrhage in our institution  
Takeya Hara (Osaka University Hospital) et al.
- ISP-28- 2. Bone mineral density measurement in puerperal women is a predictor of persistent osteopenia and osteoporosis  
Takumi Kurabayashi (Niigata City General Hospital) et al.



- ISP-28- 3. Effects of grape seed proanthocyanidin extract on vascular endothelial function in patients with prehypertension : A randomized, double-blind, placebo-controlled study  
Tamami Odai (Tokyo Medical and Dental University) et al.
- ISP-28- 4. Safety, feasibility, and effectiveness of vaginal microablative fractional CO<sub>2</sub> laser therapy against genitourinary syndrome of menopause in women with a treatment history of pelvic organ prolapse using vaginal mesh insertion  
Maki Nakata (Mitsui Memorial Hospital) et al.
- ISP-28- 5. Effects of the distal position of the mesh on postoperative urinary functions in anterior trans-vaginal mesh surgery  
Kaori Hoshino (Wakamatsu Hospital of the University of Occupational and Environmental Health) et al.
- ISP-28- 6. Initial application of made-in-Japan Polytetrafluoroethylene (PTFE) mesh on pelvic reconstruction for pelvic organ prolapse  
Ryo Uemura (Osaka City University) et al.
- ISP-28- 7. Subjective sleep quality in female athletes  
Yu Kawasaki (Juntendo University) et al.
- ISP-28- 8. Physical activity as a determining factor for pelvic shape during periadolescent period : Prospective cohort study  
Keiichiro Narumoto (Hamamatsu University School of Medicine) et al.

16 : 40~17 : 20

**Group 29 Women's Healthcare 2**

Chair : Aichi Medical University Koichi Shinohara

- ISP-29- 1. The effects of ovarian surgery and GnRH agonist administration on ovarian reserve in patients with ovarian endometrioma  
Yeon Seong Jeong (Kyung Hee University Hospital at Gangdong, Korea) et al.
- ISP-29- 2. Serum Lactate Dehydrogenase Level in Severe and Non-Severe Pre-Eclampsia  
Mar Mar Wynn (University of Medicine 1, Myanmar) et al.
- ISP-29- 3. Flexible mifepristone to misoprostol intervals for second trimester medical abortion : A retrospective cohort study  
Andrea Henkel (Division of Family Planning, Stanford University, USA) et al.
- ISP-29- 4. Operative Time in Obese and Non-Obese Women Receiving Postpartum Tubal Sterilization  
Neha Deshpande (University of Pennsylvania, USA) et al.
- ISP-29- 5. Contraception, abortion and preventive care in Lesbian, Bisexual and Transgender patients : Understanding the health disparities in reproductive and gynecologic care  
Jennifer Hoffmann (University of Louisville, USA) et al.
- ISP-29- 6. Malposition and Expulsion of Immediate Postplacental Intrauterine Devices  
Shruti Bala (Dartmouth Hitchcock Medical Center, USA) et al.

- ISP-29- 7. Primary Abdominal Pregnancy with Incisional Hernia with Previous 2 Ceasarian Sections  
Parul Nigam (St. Judes Hospital Jhansi, India)
- ISP-29- 8. Laparoscopic Assisted Vaginal Hysterectomy in Patient with Prior Kidney Transplantation : A Case Report  
Hyoung-Choon Kim (Munhwa Women's Hospital, Korea) et al.

## April 12 (Friday) Poster ①

Bldg.2, 3F : Passage

April 12 (Fri.)  
Program

17 : 30~18 : 10

### Group 30 Endometrial Cancer 2

Chair : Tokyo Medical University Hirotaka Nishi

- ISP-30- 1. Clonally expanded populations of cytotoxic T cell in tumor infiltrated lymphocyte and peripheral blood in uterine endometrial cancer  
Kei Tsuda (Toyama University Hospital) et al.
- ISP-30- 2. Identification of novel endometrial cancer-specific immune-therapeutic targets for Japanese patients by comprehensive *In Silico* analysis  
Yuji Ikeda (Nihon University Itabashi Hospital) et al.
- ISP-30- 3. Prolactin enhances the proliferation of endometrial glandular cells and endometrial cancer cells in conjunction with estradiol via regulation of prolactin receptor and estrogen receptor  
Munekage Yamaguchi (Kumamoto University) et al.
- ISP-30- 4. Identification of candidate drugs targeting human endometrial cancer stem cells  
Tetsuo Maruyama (Keio University) et al.
- ISP-30- 5. Mutual regulation between MIR301B-MIR130B and BHLHE40-BHLHE41 is involved in epithelial-to-mesenchymal transition of uterine endometrial cancer cells  
Kazuo Asanoma (Kyushu University Hospital) et al.
- ISP-30- 6. Novel initiatives for clinical application : Intraoperative-prediction of lymph node metastasis for uterine cancer using isothermal nucleic acid amplification technology  
Emiko Yoshida (Juntendo University) et al.
- ISP-30- 7. Profiling clinical characteristics of adolescents and young adult (AYA) females with endometrial cancer : Retrospective analysis  
Misato Kamii (The Jikei University School of Medicine) et al.
- ISP-30- 8. miRNA analysis using LBC specimens for an improvement of endometrial cancer screening  
Suguru Nosaka (Hiroshima University) et al.

- ISP-30- 9. Enhanced chemotherapy effects on gynecological cancers by using the combination of lipid bubble and ultrasound  
Kohei Yamaguchi (The University of Tokyo) et al.
- ISP-30- 10. Reproductive and oncologic outcomes in fertility-sparing therapy for early-stage endometrial cancer or atypical endometrial hyperplasia  
Airi Kuruma (Osaka University Hospital) et al.

17 : 30~18 : 10

**Group 31 Endometrial Cancer 3**

Chair : Tokyo Medical University Ibaraki Medical Center Masaki Fujimura

- ISP-31- 1. Evaluation of preoperative diagnosis of uterine sarcoma  
Kosuke Tsuji (Keio University) et al.
- ISP-31- 2. Clinical outcomes of isolated vaginal recurrences of endometrial cancer  
Tomoko Nakamoto (University of the Ryukyus) et al.
- ISP-31- 3. Preoperative Prediction of Uterine Sarcoma Using T2 Weighted Imaging and Apparent Diffusion Coefficient (ADC) on MRI and Its Clinical Application  
Yasuko Oka (Komatsu Municipal Hospital) et al.
- ISP-31- 4. Clinicopathologic characteristics associated with progression-free and overall survival in stage IVb uterine endometrial cancer patients  
Takaya Shiozaki (Hyogo Cancer Center) et al.
- ISP-31- 5. A retrospective analysis of predictor of lymph node metastasis in early uterine endometrial cancer  
Shuhei Abe (Nagasaki University) et al.
- ISP-31- 6. FRZB, Wnt inhibitor, functions as a tumor suppressor gene at early stage of carcinogenesis in endometrial cancer  
Ichirou Onoyama (Kyushu University Hospital) et al.
- ISP-31- 7. A successful intraoperative diagnosis of coexistence of lymphoma with endometrial cancer  
Ai Yoshino (Osaka University) et al.
- ISP-31- 8. A case of Dedifferentiated endometrioid adenocarcinoma of the uterus  
Hiroshi Kaneda (Juntendo University Shizuoka Hospital) et al.
- ISP-31- 9. D-dimer measurement as a screening for venous thromboembolism in gynecological cancer  
Takayoshi Iijima (Yokohama City University Hospital) et al.
- ISP-31- 10. Two cases with premenopausal endometrial cancer diagnosed with hysteroscopy  
Teppei Ichikawa (Dokkyo Medical University Saitama Medical Center) et al.

## April 12 (Friday) Poster ②

Bldg.2, 3F : Conference Room 231

17 : 30~18 : 10

### Group 32 Cervical Cancer/CIN/SIL 4

Chair : Tohoku Medical and Pharmaceutical University Yo Watanabe

- ISP-32- 1. Risk factors for recurrence of cervical lesions after conization in cases from the nation-wide registry of The Japan Society of Obstetrics and Gynecology  
Yuki Tazo (Survey of Cervical Conization in Japan by Gynecologic Oncology Committee, Japan Society of Obstetrics and Gynecology) et al.
- ISP-32- 2. Study on cervical cancer preventive effect of HPV vaccine  
Masato Nishimura (Tokushima University) et al.
- ISP-32- 3. Retrospective evaluation of cervical laser vaporization for cervical intraepithelial neoplasia in our institution  
Keisuke Kodama (Kyushu University Hospital) et al.
- ISP-32- 4. What can we do for reducing the number of cervical cancer in AYA generation withholding HPV vaccination?  
Yoshifumi Nakao (Saga University) et al.
- ISP-32- 5. Cervical cytology is useful for monitoring the preservation of cervical function following radical/semi-radical trachelectomy to invasive cervical cancer  
Eriko Hoshi (Nihon University Itabashi Hospital) et al.
- ISP-32- 6. Pathological findings of blood vessels in patients through neoadjuvant chemotherapy with bevacizumab in cervical carcinoma  
Akihiro Morio (TOYOTA Memorial Hospital) et al.
- ISP-32- 7. Recovering the HPV vaccination rate in Japan : A web-based randomized trial investigating the efficacy of intervention with simple scientific information for changing awareness  
Yukio Suzuki (Yokohama City University) et al.
- ISP-32- 8. Revisit on Refined Indications for an Obligatory Cone Biopsy in a Developing Country with Limited Rationed Resources  
Eugene Leong Weng Kong (Taylor's University School of Medicine, Malaysia)

17 : 30~18 : 10

### Group 33 Cervical Cancer/CIN/SIL 5

Chair : Nagoya City University Atsushi Arakawa

- ISP-33- 1. Histological examination of uterine cervical AGC in our hospital  
Yayoi Higuchi (Kochi University) et al.
- ISP-33- 2. A rare case of clear cell adenosquamous carcinoma of the cervix  
Takuto Matsuura (Kameda Medical Center) et al.

- ISP-33- 3. The efficacy and safety of bevacizumab-containing chemotherapy in advanced or recurrent cervical cancer  
Misa Yamamoto (Osaka University) et al.
- ISP-33- 4. Investigation of 6 cases of cervical cancer after LEEP treatment for CIN  
Eri Takiguchi (Tokushima University) et al.
- ISP-33- 5. Combination of C-reactive protein/albumin and neutrophil-to-lymphocyte ratios strongly predicts short-term survival at recurrent cervical cancer relapse after radiation-based therapy : A machine learning application  
Akiko Furusawa (Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital) et al.
- ISP-33- 6. Risk factors for postoperative cervical stenosis in CIN3 that does not require fertility sparing  
Kosuke Shigematsu (Saitama Medical Center) et al.
- ISP-33- 7. Improvement by imaging conditions of the pelvic vessels stream visualization with 3D image analysis software  
Shin Takenaka (Showa University Fujigaoka Hospital) et al.

## April 12 (Friday) Poster ③

Bldg.2, 3F : Lobby

17 : 30~18 : 10

### Group 34 Other Malignant or Benign Tumor 2

Chair : Dokkyo Medical University Saitama Medical Center Satoshi Takakura

- ISP-34- 1. Investigation of the clinicopathological features of vulva cancer : A retrospective survey of the Japanese Gynecologic Oncology Group (JGOG) Net Work study  
Shin Nishio (Japanese Gynecologic Oncology Group) et al.
- ISP-34- 2. SPIO method for the diagnosis of pelvic lymph node metastasis  
Kosuke Murakami (Kindai University) et al.
- ISP-34- 3. Clinical sequencing by Todai OncoPanel (TOP) for uterine sarcomas  
Hirofumi Inaba (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-34- 4. Treatment by direct oral anticoagulants is a safe and effective option for venous thromboembolism in patients with gynecologic cancer  
Kyoso Ishida (Osaka University) et al.
- ISP-34- 5. Laparoscopic resection of a vaginal stump mass possibly related to coagulation dysfunction : A case report  
Atsushi Fusegi (The Cancer Institute Hospital of JFCR) et al.
- ISP-34- 6. Recurrence or Not : Eight cases of postoperative intra-abdominal hot spots mimicking recurrence of gynecological malignancies diagnosed by <sup>18</sup>F-fluorodeoxyglucose positron emission tomography  
Futa Ito (Osaka University) et al.

- ISP-34- 7. A case report of appendiceal cancer diagnosed by Cell-block specimen obtained from ascites  
Yusuke Ujihara (Kochi Medical School Hospital) et al.
- ISP-34- 8. Distinguishing florid cystic endosalpingiosis from an ovarian tumor : A clinical challenge  
Seiko Inagaki (Fuchu Hospital) et al.
- ISP-34- 9. Chromation remodeling with secondary bile acid is a new therapeutic strategy for developmentally-programmed hepatic steatosis  
Yukiko Kohmura (Hamamatsu University School of Medicine) et al.

### April 12 (Friday) Poster ④

Bldg.2, 3F : Conference Room 232+233

17 : 30~18 : 10

#### Group 35 Ovarian/Tubal/Peritoneal Cancer 5

Chair : Jichi Medical University Hiroyuki Fujiwara

- ISP-35- 1. CD276 expression correlates with poor prognosis in ovarian cancer  
Taito Miyamoto (Kyoto University) et al.
- ISP-35- 2. Novel microRNA replacement therapy with patient derived-exosome as a carrier  
Masaki Kobayashi (Osaka University) et al.
- ISP-35- 3. High expression of a histone methyltransferase, WHSC1, and its correlation with EZH2 in ovarian clear cell carcinomas  
Machiko Kojima (The University of Tokyo Hospital) et al.
- ISP-35- 4. Clinical significance of M2 macrophages expressing heme oxygenase-1 in malignant transformation of ovarian endometrioma  
Yuki Yamada (Nara Medical University) et al.
- ISP-35- 5. The association between high-grade serous ovarian carcinoma (HGSC) histopathological subtypes and tumor microvessel density  
Takuma Ohsuga (Kindai University Hospital) et al.
- ISP-35- 6. Apoptotic and growth inhibitory effect of deubiquitinating enzymes (DUBs) inhibitors in mutant p53 ovarian cancer  
Shiho Fukui (Teikyo University) et al.
- ISP-35- 7. Sphingosine kinase 1 is a novel target of metformin in ovarian cancer  
Tatsuyuki Chiyoda (Keio University) et al.
- ISP-35- 8. Identification of specific long non-coding RNA (lncRNA) in ovarian high grade serous carcinoma (HGSC)  
Kengo Nakashima (Yamaguchi University) et al.
- ISP-35- 9. Frequency of abnormal microsatellite instability among unslected ovary and endometrial cancer patients  
Min Kyu Kim (Sungkyunkwan University of Medicine, Samsung Changwon Hospital, Korea)

17 : 30~18 : 10

**Group 36 Ovarian/Tubal/Peritoneal Cancer 6**

Chair : Tokyo Women's Medical University Tsutomu Tabata

- ISP-36- 1. Mutation analysis of Low grade serous ovarian carcinoma, serous borderline tumor and ovarian serous cystadenoma in Japanese populations  
Tomoka Ishibashi (Shimane University Hospital) et al.
- ISP-36- 2. Comparative transcriptome analysis of malignant transformation to endometrioid adenocarcinoma arising from ovarian endometrioma  
Koichi Yoneyama (Nippon Medical School) et al.
- ISP-36- 3. Characterization of a cell line (HCH-3) originating from a human clear cell carcinoma of the ovary  
Takashi Yamada (Department of Pathology, Osaka Medical College)
- ISP-36- 4. Genetic disorders which activate YAP1 oncogene in ovarian cancers  
Tetsuya Kawaguchi (Kobe University Hospital) et al.
- ISP-36- 5. CD47, a "don't eat me" signal, expression in ovarian cancer cells were regulated by circulating exosomes and targeting exosomes enhanced the phagocytosis  
Aasa Shimizu (Osaka University) et al.
- ISP-36- 6. Rikkunshito attenuates induction of epithelial-mesenchymal switch via activation of SIRT1 in ovarian cancer cells  
Ranka Kanda (Teikyo University) et al.
- ISP-36- 7. The cervical microbiota is altered in premenopausal ovarian cancer patients  
Asuka Morikawa (The Jikei University Hospital) et al.
- ISP-36- 8. Biological characteristics of mesenchymal stem cells (MSCs) derived from the normal ovarian tissue and cancer associated fibroblasts (CAFs) from the ovarian cancer  
Kazuaki Ohashi (Nagasaki University Hospital) et al.

17 : 30~18 : 10

**Group 37 Ovarian/Tubal/Peritoneal Cancer 7**

Chair : The University of Tokyo Katsutoshi Oda

- ISP-37- 1. A study on significance of omentectomy for early stage epithelial ovarian cancer  
Yoshiko Oyama (Tohoku University) et al.
- ISP-37- 2. The efficacy of secondary cytoreductive surgery in patients with recurrent ovarian, tubal and peritoneal cancer in low risk scores in the Tian model  
Makiko So (Kyoto University Hospital)
- ISP-37- 3. Gastrointestinal quality of life in ovarian cancer survivors  
Ayumu Matsuoka (Chiba University) et al.
- ISP-37- 4. The recurrent patterns in patients treated with or without bevacizumab against advanced ovarian, tubal and peritoneal cancer  
Kentaro Ishida (Kyoto University Hospital) et al.

- ISP-37- 5. Risk factors for deep venous thrombosis in women with ovarian cancer  
Yasuhiko Ebina (Kobe University) et al.
- ISP-37- 6. To extract the prognostic factor of ovarian cancer who underwent neoadjuvant chemotherapy (NACT) followed by interval debulking surgery (IDS)  
Ken Matsukuma (Kurume University) et al.
- ISP-37- 7. Comparison of first-line therapies for outcome in ovarian cancer : Dose-dense TC vs. chemotherapy with bevacizumab  
Kaho Suzuki (Kobe University) et al.
- ISP-37- 8. Impact of Bevacizumab in the Primary Treatment of Japanese Patients with Advanced Ovarian Cancer  
Takashi Matsumoto (Ehime University) et al.
- ISP-37- 9. The long-term trends of Ovarian Cancer : A population-based cancer registry data in Osaka from 1980 to 2012  
Sayaka Ikeda (Division of Environmental Medicine and Population Science, Osaka University) et al.
- ISP-37- 10. Identification of a predictive model for chemo-response in epithelial ovarian cancer  
Ying-Cheng Chiang (National Taiwan University of Taiwan, Taiwan) et al.

17 : 30~18 : 10

**Group 38 Ovarian/Tubal/Peritoneal Cancer 8**

Chair : Shimane University Kentaro Nakayama

- ISP-38- 1. The analysis of 15 patients treated with olaparib for recurrent ovarian cancer  
Maiko Yamaguchi (Juntendo University Hospital, Juntendo University) et al.
- ISP-38- 2. Malignant struma ovarii : A case report  
Hitomi Yamashita (Shimane University Hospital) et al.
- ISP-38- 3. A Case of Endometriosis-associated Intestinal Tumor  
Megumi Takahara (Tokyo Metropolitan Tama Medical Center) et al.
- ISP-38- 4. Reproductive and Endocrine Outcomes after Fertility-Sparing Surgery with Adjuvant Chemotherapy for Malignant Ovarian Tumor  
Asuna Yumori (Yokohama City University Obstetrics and Gynecology Research Group) et al.
- ISP-38- 5. A case of huge ovarian immature teratoma with gliomatosis peritonei during pregnancy  
Arisa Takeuchi (Teikyo University Chiba Medical Center) et al.
- ISP-38- 6. Laparoscopic management of ovarian low-grade serous carcinoma with mature teratoma manifesting as paraneoplastic anti-N-methyl-D-aspartate receptor encephalitis  
Shiori Tsuge (Gifu Prefectural Tajimi Hospital) et al.
- ISP-38- 7. Carcinoma of the fallopian tube diagnosed from a navel metastasis : A case report  
Yu Horibe (Tokyo Women's Medical University) et al.



- ISP-38- 8. Advanced hepatoid carcinoma of the ovary with lung and liver metastases  
Mika Mizoguchi (Wakayama Medical University) et al.
- ISP-38- 9. Evaluation of efficacy and safety of bevacizumab for advance and recurrent  
Müllerian carcinoma in our institution  
Hiroaki Matsubara (Osaka City University) et al.
- ISP-38- 10. Primary peritoneal carcinoma with long term survival. A case report  
Alexandria Yatco-Buenaventura (Cardinal Santos Medical Center,  
Philippines) et al.

**April 12 (Friday) Poster ⑤**  
**Bldg.2, 3F : Conference Room 234**

17 : 30~18 : 10

**Group 39 Uterine Leiomyoma**

Chair : Kochi University Nagamasa Maeda

- ISP-39- 1. A comprehensive analysis of PAX8 expression in extra-genital endometriosis  
Tomoko Arakawa (The University of Tokyo Hospital) et al.
- ISP-39- 2. The Role of SATB2 and NRG1 as Upstream Regulatory Genes in Uterine  
Leiomyomas  
Ryo Maekawa (Yamaguchi University) et al.
- ISP-39- 3. Detection and Functional Analysis of HOXC8 as an Upstream Regulatory Gene in  
Ovarian Endometrioma  
Yumiko Mihara (Yamaguchi University) et al.
- ISP-39- 4. Efficacy and safety of contained power morcellation for laparoscopic myomectomy  
within an isolation bag : Comparison of perioperative outcome  
Masafumi Katakura (Toho University Omori Medical Center) et al.
- ISP-39- 5. A comparison of bidirectional stratafix barded suture with conventional suture for  
laparoscopic myomectomy  
Kiyoka Sawada (Shimane University Hospital) et al.
- ISP-39- 6. Clinical course of an asymptomatic benign metastasizing leiomyoma after bilateral  
oophorectomy  
Yoichi Aoki (Cancer Institute Hospital) et al.
- ISP-39- 7. Diffuse Uterine Leiomyomatosis Using Hysteroscopic Myomectomy Technique  
with Hole Method  
Limin Feng (Beijing Tian Tan Hospital, Capital Medical University, China) et al.
- ISP-39- 8. Submucosal uterine myoma regression after PRO HIFU treatment  
Ki Hyon Kil (St. Peter's Hospital, Seoul, Korea)
- ISP-39- 9. Myoma with cystic degeneration mimicking ovarian malignancy  
Jin Woo Shin (Gil Medical Center, Gachon University, College of Medicine,  
Korea)

- ISP-39- 10. The outcomes of uterine artery embolization in cases of uterine myoma : Review of 233 cases

Gen Ishikawa (Nippon Medical School) et al.

17 : 30~18 : 10

**Group 40 Perinatal Care 3**

Chair : Jichi Medical University Saitama Medical Center Kenjiro Takagi

- ISP-40- 1. A case of placental mesenchymal dysplasia which developed severe preeclampsia in the second trimester of pregnancy  
Mirei Yonezawa (Nippon Medical School Hospital) et al.
- ISP-40- 2. Women who had low birth weight tend to have Hypertensive Disorders of Pregnancy and Fetal Growth Restriction when they themselves become pregnant  
Hiroto Yamamoto (Niigata City General Hospital) et al.
- ISP-40- 3. Mother to child transmission of HIV in Japan during the antiretroviral therapy (ART) era  
Atsushi Sugiura (Nara Prefecture General Medical Center) et al.
- ISP-40- 4. Immunoglobulin fetal therapy and antiviral neonatal therapy for symptomatic congenital cytomegalovirus infection  
Akiko Uchida (Kobe University) et al.
- ISP-40- 5. Histopathological analysis of placentas with congenital cytomegalovirus infection  
Mizuki Uenaka (Kobe University) et al.
- ISP-40- 6. Study on screening of toxoplasmosis in pregnant women by evaluating IgM antibody titer using CLEIA in comparison with ELISA  
Masahiro Shiba (Teikyo University Hospital) et al.
- ISP-40- 7. Two cases of primary cytomegalovirus infection between previous late pregnancy and current early pregnancy  
Kuniaki Toriyabe (Mie University Hospital) et al.
- ISP-40- 8. Consideration about two cases of multimodality therapy could save lives from perinatal-type group A streptococcus toxic shock syndrome  
Chie Koide (Hiroshima University Hospital) et al.

17 : 30~18 : 10

**Group 41 Perinatology/Others**

Chair : Wakayama Medical University Sawako Minami

- ISP-41- 1. Clinical and social risks in teenage pregnancy  
Kento Hosaki (Iwakuni Clinical Center) et al.
- ISP-41- 2. Syphilis prevalence trends in women - Questionnaire survey in a prefecture  
Mayumi Morizane (Kobe University) et al.
- ISP-41- 3. A report of seven pregnant women with syphilis  
Yukiko Nakasuji (Kobe University) et al.

- ISP-41- 4. What's Perinatal Critical Care Course?—Features and impacts in collaboration with emergency department—  
Takahide Maenaka (Rinku General Medical Center, Sensyu Regional Medical Center for Women's and Children's Health) et al.
- ISP-41- 5. Pregnant women with complex social factors : A model at local prenatal center in Shikoku  
Akane Kondo (Perinatal Medical Center, Shikoku Medical Center for Children and Adults) et al.
- ISP-41- 6. Vaginal artery pseudoaneurysm three years after cesarean section : A case report  
Yui Kinjo (University of the Ryukyus Hospital) et al.
- ISP-41- 7. Management of uterine artery pseudoaneurysm—Spontaneous resolution of uterine artery pseudoaneurysm—  
Yasuo Yanagihara (Juntendo University Shizuoka Hospital) et al.
- ISP-41- 8. Analysis of characteristics in puerperium women predictive of perinatal psychiatric disorders within a year  
Akiko Kurasaki (St. Marianna University School of Medicine) et al.
- ISP-41- 9. Postpartum depression is associated with antioxidative activity within few days after delivery  
Asuka Hirose (Tokyo Medical and Dental University) et al.
- ISP-41- 10. Impact of human cytomegalovirus infection on cytotrophoblast transcriptome  
Nobuko Mimura (The University of Tokyo) et al.

17 : 30~18 : 10

**Group 42 Preterm Labor 2**

Chair : University of Miyazaki Masatoki Kaneko

- ISP-42- 1. Laparoscopic Cervico-isthmic Cerclage Successfully Performed in Early Pregnancy with Refractory Cervical Insufficiency : A Report of Eight Cases  
Kohei Seo (Showa University Northern Yokohama Hospital) et al.
- ISP-42- 2. Effect of therapeutic cervical cerclage on pregnancy prolongation in women with cervical shortening, or prolapse and ballooning of membranes into the vagina at < 26 weeks of gestation : A multicenter retrospective cohort study (PLASH-1 STUDY)  
Shiho Nagayama (PLASH-1 STUDY) et al.
- ISP-42- 3. The effect of celecoxib on fetuses during the second trimester  
Miki Ohtsuki (Kyoto University Hospital) et al.
- ISP-42- 4. A multicenter retrospective cohort STUDY in women with threatened abortion and/or Preterm LABOR for revealing the association between the severity of SHort cervix and pregnancy outcomes : PLASH-1 STUDY  
Kenji Horie (PLASH-1 STUDY) et al.
- ISP-42- 5. Identifying the associated factors with onset of preterm PROM compared with term PROM—A retrospective cross sectional study—  
Taiki Samejima (Aiiiku Hospital) et al.

- ISP-42- 6. Trial labor after Cesarean in preterm delivery and neonates respiratory outcomes  
Kaname Uno (TOYOTA Memorial Hospital) et al.
- ISP-42- 7. Successful cases of pPROM in first trimester : Two case reports  
Satoko Morikami (Kobe City Nishi-Kobe Medical Center) et al.
- ISP-42- 8. Transabdominal Cervical Cerclage via Laparotomy in cases of cervical  
incompetence  
Yuri Hasegawa (Nagasaki University) et al.

17 : 30~18 : 10

**Group 43 HDP**

Chair : Jichi Medical University Akihide Ohkuchi

- ISP-43- 1. Association between alcohol consumption during pregnancy and hypertensive disorders of pregnancy in Japan : The Japan Environment and Children's Study  
Noriyuki Iwama (Tohoku University Hospital) et al.
- ISP-43- 2. Risk of developing HDP by combination of home BP at early pregnancy and BP at pregnancy medical examination  
Satomi Sasaki (Tohoku University Hospital) et al.
- ISP-43- 3. Maternal outcomes in preeclampsia with fetal growth restriction : Do maternal outcomes for preeclampsia differ according to the fetal growth status?  
Takeshi Kanagawa (Osaka Women's and Children's Hospital) et al.
- ISP-43- 4. Validation of a new criteria of hypertensive disorders of pregnancy (HDP) in term of gestational proteinuria  
Erina Hashimoto (Nihon University) et al.
- ISP-43- 5. Modified Mississippi protocol for HELLP syndrome occurring in the periviable period : A report of three cases  
Baku Nakakita (Kyoto University Hospital) et al.
- ISP-43- 6. Relationship between urinary protein to creatinine ratio dynamics and the development of hypertensive disorder of pregnancy in twin pregnancies  
Michihide Maeda (Rinku General Medical Center) et al.
- ISP-43- 7. A case of subclinical Cushing syndrome in pregnancy with superimposed preeclampsia  
Eriko Eto (Okayama University Hospital) et al.
- ISP-43- 8. The effect of corticosteroid on HELLP syndrome : A case of a pregnancy with antiphospholipid syndrome  
Osamu Yasui (Tokyo Metropolitan Tama Medical Center) et al.

## April 12 (Friday) Poster ⑥

Bldg.2, 3F : Foyer

17 : 30~18 : 10

### Group 44 Maternal Complications—DM/Cardiology/Others

Chair : Iwate Medical University Akihiko Kikuchi

- ISP-44- 1. Assessment of Glucose Kinetics with Real-Time Continuous Glucose Monitoring during Labor  
Jota Maki (Okayama University Hospital) et al.
- ISP-44- 2. Screening and Diagnosis of Gestational Diabetes Mellitus : Is the 50-g glucose challenge test an appropriate screening method for women with twin pregnancies?  
Liangcheng Wang (Jichi Medical University, Saitama Medical Center) et al.
- ISP-44- 3. Successful pregnancy in a woman with an early stage of the dilated phase of hypertrophic cardiomyopathy  
Masahiro Nakao (Sakakibara Heart Institute) et al.
- ISP-44- 4. Impacts of maternal positions on regional brain oxygen saturation, coronary perfusion pressure and cerebral perfusion pressure during cardiopulmonary resuscitation in pregnancy : Swine model study  
Satoshi Dohi (Showa University Northern Yokohama Hospital) et al.
- ISP-44- 5. Pregnancy outcomes of pregnant women with Marfan syndrome  
Yoshiya Suzuki (Chiba University Hospital) et al.
- ISP-44- 6. A case of acute cardiac failure due to infectious endocarditis that needed mitral valve replacement at early in pregnancy  
Shinji Katsuragi (Sakakibara Heart Institute) et al.
- ISP-44- 7. Relations between breastfeeding and postpartum changes in brain natriuretic peptide among mothers with congenital heart disease  
Yu Matsuzaka (National Cerebral and Cardiovascular Center) et al.
- ISP-44- 8. Challenges in the management of pregnancy and delivery in two cases of women with heart disease  
Mizuho Kuroshima (Kakogawa City Hospital Organization) et al.
- ISP-44- 9. Response to obstetric complication in the women with adult congenital heart disease  
Hironobu Hyodo (Tokyo Metropolitan Bokutoh Hospital) et al.
- ISP-44- 10. The risks for the pregnancy with systemic lupus erythematosus using high dose glucocorticoid  
Yoko Nagayasu (Osaka Medical College) et al.
- ISP-44- 11. Anti-prolactin Therapy in Patients with Peripartum Cardiomyopathy : Results from PREACHER  
Chizuko Kamiya (National Cerebral and Cardiovascular Center) et al.

17 : 30~18 : 10

**Group 45 Fetal Physiology/Neonatal Physiology**

Chair : Kyushu University Seiichi Morokuma

- ISP-45- 1. Magnesium pretreatment in a preclinical model of periventricular/  
intraventricular hemorrhage in immature brains  
Masako Jinnai (Institute of Neuroscience and Physiology, Gothenburg University,  
Sweden) et al.
- ISP-45- 2. Clinical significance of umbilical arterial NT-proBNP at birth for the prediction of  
neonatal complications  
Takaaki Shinagawa (Kurume University) et al.
- ISP-45- 3. The analysis of the change in cardiac function and gene expression of fetal heart in  
antenatal steroid (ANS) treatment : Evidence from a sheep model of pregnancy  
Yusaku Kumagai (The Centre for Perinatal and Neonatal Medicine, Tohoku  
University Hospital) et al.
- ISP-45- 4. Maternal biomarkers for fetal heart failure in fetuses with congenital heart disease  
Takekazu Miyoshi (Regenerative Medicine and Tissue Engineering, National  
Cerebral and Cardiovascular Center) et al.
- ISP-45- 5. Preconditioning by LPS attenuates the brain protective effect by vagus nerve  
activation in newborn rat model of hypoxia-ischemia  
Seishi Furukawa (University of Miyazaki) et al.
- ISP-45- 6. Reproducibility of ultrasonographic measurement of fetal aortic isthmus blood  
flow parameters  
Saki Kido (Kyushu University Hospital) et al.
- ISP-45- 7. Change in fetal cardiac output distribution to the placenta according to the  
method of ritodrine administration  
Ryuichi Shimaoka (Gifu University Hospital) et al.
- ISP-45- 8. Power spectral analysis of fetal trunk movements in the first trimester of  
pregnancy  
Kazushige Nakahara (Kyushu University Hospital) et al.

**April 12 (Friday) Poster ⑦**

Bldg.3, 3F : Passage

17 : 30~18 : 10

**Group 46 PPH**

Chair : Kindai University Nara Hospital Hidekazu Oi

- ISP-46- 1. The Evidence of Anaphylactoid Reaction in Lung Affected by Amniotic Fluid  
Embolism  
Tomoaki Oda (Hamamatsu University School of Medicine) et al.

- ISP-46- 2. Recombinant human thrombomodulin reduced the risk of developing organ damages in patients with obstetric DIC induced by placental abruption : Retrospective cohort study  
Sho Tano (TOYOTA Memorial Hospital) et al.
- ISP-46- 3. Inflammation in uterine isthmus : Evidence supporting anaphylactoid reaction at the site of uterus in Amniotic Fluid Embolism (AFE)  
Jain Divyanu (Hamamatsu University School of Medicine) et al.
- ISP-46- 4. Are serum complement values associated with severity of postpartum hemorrhage?  
Kanakano Mitsuzuka (Specialized Clinical Science, Tokai University) et al.
- ISP-46- 5. Efficacy of prophylactic antibiotics in Bakri intrauterine balloon placement : A single-center retrospective analysis  
Yoshikazu Nagase (Osaka University) et al.
- ISP-46- 6. Comparative analysis of hysterectomy and transcatheter arterial embolization (TAE) against postpartum hemorrhage (PPH) : A 5-year experience at a municipal hospital 2013-2017  
Shinichiro Maeda (Kobe City Nishi-Kobe Medical Center) et al.
- ISP-46- 7. Bakri balloon tamponade for postpartum hemorrhage : The efficiency and limitation  
Naomi Inaba (Osaka City University Hospital) et al.
- ISP-46- 8. Risk factors of Uterine Artery Embolization failure and complication for postpartum hemorrhage : A retrospective study  
Taro Yagi (Osaka University) et al.
- ISP-46- 9. Emergency transport for postpartum hemorrhage : What is the best parameter on arrival at hospital for subsequent blood transfusion requirement?  
Atsuko Sekiguchi (Nippon Medical School) et al.

## April 12 (Friday) Poster ⑧

Bldg.3, 3F : Passage

17 : 30~18 : 10

### Group 47 Prenatal Diagnosis 2

Chair : Hyogo College of Medicine Hideaki Sawai

- ISP-47- 1. Prenatal diagnosis of accessory scrotum with peduncular lipoma  
Tatsuya Matsuyama (Osaka University Hospital) et al.
- ISP-47- 2. Prenatal diagnosis facilitated prompt enzyme replacement therapy for perinatal benign hypophosphatasia  
Yuka Ishijima (Kanazawa University) et al.
- ISP-47- 3. Antenatal diagnosis of hypophosphatasia paves the way for enzyme replacement therapy  
Shingo Io (Kyoto University) et al.

- ISP-47- 4. A case of type 2 Pfeiffer syndrome : Progressive development of sonographic features and MR/3D-CT imaging findings  
Shun Yasuda (Iwase General Hospital) et al.
- ISP-47- 5. Prenatal diagnosis of ectopic intrathoracic kidney with right congenital diaphragmatic hernia manifesting as fetal mesocardia  
Mariko Saruwatari (Kyushu University Hospital) et al.
- ISP-47- 6. 2 cases of Cornelia de Lange syndrome  
Yuri Miyahara (Japanese Red Cross Society Himeji Hospital) et al.
- ISP-47- 7. Conservative prenatal management of fetal megacystis without oligohydramnios, a case report  
Mariko Watanabe (Dokkyo Medical University) et al.
- ISP-47- 8. Management of pregnant woman with fetal goitrous hypothyroidism and polyhydramnion  
Masashi Noguchi (Nagasaki University Hospital) et al.

17 : 30~18 : 10

**Group 48 Placenta**

Chair : Tokai University Hitoshi Ishimoto

- ISP-48- 1. The pathologic changes of placenta in pregnancy with Fontan circulation  
Tae Konishi (National Cerebral and Cardiovascular Center Hospital) et al.
- ISP-48- 2. Integration of transcriptome and DNA methylome analysis of BeWo cells stimulated by tumor necrosis factor-alpha and insulin-like growth factor-I : Implications for pathophysiology of pregnancy in polycystic ovary syndrome  
Kei Tanaka (Kyorin University) et al.
- ISP-48- 3. Expression of the suppressyn protein in trisomy 21 placenta  
Jun Sugimoto (Hiroshima University) et al.
- ISP-48- 4. The Cases of Intrauterine Fetal Death due to Umbilical Cord Torsion from a Regional Population-Based Analysis from 2007-2017  
Emi Kino (University of Miyazaki Hospital) et al.
- ISP-48- 5. Laterally-positioned placenta in placenta previa  
Hironori Takahashi (Jichi Medical University) et al.
- ISP-48- 6. Determination of plasma D-dimer in patient with placental abruption  
Hiroyuki Satomi (Fukuiken-Saiseikai Hospital) et al.
- ISP-48- 7. Characteristics of physiological development of placental villous vasculature using Superb Micro-vascular Imaging  
Takashi Horinouchi (Kurume University) et al.



## April 12 (Friday) Poster ⑨

Bldg.3, 3F : Passage

17 : 30~18 : 10

### Group 49 Fibroma/Endometriosis/Adenomyosis

Chair : Hokkaido University Masataka Kudou

- ISP-49- 1. 1,25-Dihydroxyvitamin D suppresses inflammatory responses of peritoneal mononuclear cells in endometriosis  
Erina Satake (The University of Tokyo) et al.
- ISP-49- 2. Comprehensive microbiome analysis of cervical mucus in women with endometriosis  
Kanoko Akiyama (Kyoto Prefectural University of Medicine) et al.
- ISP-49- 3. Chemotaxis of peritoneal NK cells in women with endometriosis is depressed and is associated with recurrence after laparoscopic surgery  
Shimpei Yamamoto (Kochi Medical School) et al.
- ISP-49- 4. Inflammation of retroperitoneal adipose tissue adjacent to pelvic endometriosis  
Kotaro Kubo (Okayama University) et al.
- ISP-49- 5. Inhibition of HIF-1 using echinomycin inhibits cell proliferation and induces apoptosis in uterine leiomyoma  
Hirosi Ishikawa (Reproductive Medicine, Chiba University) et al.
- ISP-49- 6. Clinical outcomes of uterine artery embolization using microspheres for uterine fibroids  
Shinichiro Ikuma (Juntendo University Hospital) et al.
- ISP-49- 7. Biological differences between focal and diffuse adenomyosis and response to hormonal treatment  
Khaleque Khan (Kyoto Prefectural University of Medicine) et al.
- ISP-49- 8. Impact of microwave endometrial ablation (MEA) for dysmenorrhea  
Yoshinobu Hamada (Dokkyo Medical University Saitama Medical Center) et al.
- ISP-49- 9. The adverse effect of endometriosis on pregnancy  
Mayo Miura (Nagoya University) et al.

**April 12 (Friday) Poster ⑩**  
 Bldg.4, 3F : Conference Room 431+432

17 : 30~18 : 10

**Group 50 Reproductive Physiology/Endocrinology 3**

Chair : Teikyo University Takuya Ayabe

- ISP-50- 1. Prenatal undernutrition affects the metabolic and reproductive phenotypes of PCOS model rats  
 Takeshi Iwasa (Tokushima University) et al.
- ISP-50- 2. Analysis of risk factors for recurrent implantation failure after multiple embryo transfer cycles  
 Yuko Matsumura (Juntendo University Hospital, Juntendo University) et al.
- ISP-50- 3. Management of cellular senescence in human endometrial stromal cells  
 Asako Ochiai (Juntendo University) et al.
- ISP-50- 4. The knockdown of Nuclear receptor coactivator-6 caused decidualization defects of human endometrial stromal cells in vitro  
 Norikazu Watanabe (Yamagata University) et al.
- ISP-50- 5. The importance of energy metabolism for oogenesis  
 Keiko Tanaka (Tohoku University Hospital) et al.
- ISP-50- 6. CD73 : A candidate glycoprotein for the target of an anti-sperm auto-monoclonal antibody (Ts4) which recognizes a bisecting N-acetylglucosamine structure in testicular germ cells  
 Risako Sakurai (Institute for Environmental and Gender-specific Medicine, Juntendo University) et al.
- ISP-50- 7. Preclinical evaluation of a new clinically applicable device for embryo oxygen consumption rate measurement using animal model  
 Takashi Kuno (Tohoku University) et al.

17 : 30~18 : 10

**Group 51 Surgery**

Chair : Teikyo University Mizonokuchi Hospital Akihisa Fujimoto

- ISP-51- 1. The influencing surgical outcomes and post-surgical outcomes with or without preoperative hormonal administration for laparoscopic cystectomy of ovarian endometriomas  
 Rie Ozaki (Juntendo University) et al.
- ISP-51- 2. Laparoscopic repair of post-cesarean scar defect. A report of 2 cases  
 Hiroshi Onji (Ehime University Hospital) et al.
- ISP-51- 3. Ovarian function after laparoscopic surgery of ovarian torsion  
 Mitsuko Shinohara (Juntendo University) et al.

- ISP-51- 4. Chronic tubal pregnancy manifesting as a heterogeneous adnexal mass with prominent neovascularization in a woman with a negative serum beta-human chorionic gonadotropin level  
Kazuhisa Fujita (Gifu Prefectural Tajimi Hospital) et al.
- ISP-51- 5. The usefulness of second day office operating hysteroscopy after cutting pedicle of submucosal myoma by primary office operating hysteroscopy  
Hyun-Kyung Ryu (Chonnam University Medical School of Korea, Korea) et al.
- ISP-51- 6. A case report of ovarian endometriosis with decidual change by hand assisted laparoscopic surgery (HALS) at 17 weeks gestation  
Hikari Yoshizawa (Yodogawa Christian Hospital) et al.

17 : 30~18 : 10

**Group 52 Recurrent Pregnancy Loss 2**

Chair : The University of Tokyo Takeshi Nagamatsu

- ISP-52- 1. Co-expression of CD16 and other inhibitory or activating receptors on uterine endometrial NK cells  
Chuxian Mai (Hyogo College of Medicine) et al.
- ISP-52- 2. Stimulation method using semen for uterine NK cells and cytokine production of women with unexplained recurrent pregnancy loss  
Ayako Taima (Hiroshima University) et al.
- ISP-52- 3. Clinical factors associated with pregnancy outcome in women with recurrent pregnancy loss  
Maho Miyaji (Kobe University Hospital) et al.
- ISP-52- 4. Factors affecting pregnancy outcome in patients with recurrent miscarriages and protein S deficiency  
Tomoko Ichikawa (Nippon Medical School)
- ISP-52- 5. Clinical significance of MMPs (matrix metalloproteinases) and TIMPs (tissue inhibitors of metalloproteinases) with recurrent miscarriage  
Fumiko Ozawa (Research Center for Recurrent Pregnancy Loss, Nagoya City University) et al.
- ISP-52- 6. Role of WNT/CTNNB1 pathway in differentiation of human induced pluripotent stem cells to endometrial stromal fibroblasts  
Kaoru Miyazaki (Northwestern University Feinberg School of Medicine, USA) et al.

17 : 30~18 : 10

**Group 53 ART 2**

Chair : Keio University Kou Sueoka

- ISP-53- 1. A clinical case of successful personalized embryo transfer for recurrent implantation failure after treatment of endometrial cancer  
Naoko Kida (Kansai Medical University Hospital) et al.

- ISP-53- 2. One case of successful ICSI therapy for a patient of Glanzmann thrombasthenia  
Reiko Inoue (Kyushu University) et al.
- ISP-53- 3. Differential transcriptomic analysis of secondary follicles in mature and premature mice toward the elucidation of key molecular factors applicable to the establishment of *in vitro* follicular culture systems  
Asuka Okunomiya (Kyoto University) et al.
- ISP-53- 4. Clinical outcomes of fertility preservation for child patients with severe medical indication : Experience of a single center for Oncofertility treatment  
Seido Takae (St. Marianna University School of Medicine) et al.
- ISP-53- 5. Progression of informed assent for child cancer patients received ovarian tissue cryopreservation  
Yuriko Iwahata (St. Marianna University School of Medicine) et al.
- ISP-53- 6. Experience of oocyte cryopreservation after fertility-sparing surgery on a patient with low ovarian reserve and peritoneal dissemination : A case of ovarian malignant germ cell tumors  
Mika Handa (Osaka University Hospital) et al.
- ISP-53- 7. Time lapse imaging study of relationship between the timing of the first polar body release after *in vitro* maturation for non-stimulated human oocytes and the parthenogenetic process  
Hiromitsu Shirasawa (Akita University) et al.
- ISP-53- 8. Human blastocyst development from surplus morulas with delayed and/or incomplete compaction after cryopreservation  
Ni Chin Tsai (Kaohsiung Chang Gung Memorial Hospital, Taiwan) et al.
- ISP-53- 9. Obstetric outcome of pregnancies achieved by oocyte donation : A comparison with pregnancies at over 40 years-old maternal age  
Nobuki Hayashi (Nihon University Itabashi Hospital) et al.

17 : 30~18 : 10

### Group 54 Candidates for Exchange Program 3

Chair : Oita University Yasushi Kawano

- ISP-54- 1. Different fluctuations of regulatory T cell subpopulations in the menstrual cycle  
Hiroyuki Okimura (Kyoto Prefectural University of Medicine) et al.
- ISP-54- 2. A retrospective study analyzing factors associated with laparoscopic gynecologic surgery difficulties : Learning laparoscopic surgical techniques safely  
Keisuke Murakami (Juntendo University Hospital, Juntendo University) et al.
- ISP-54- 3. Neuropeptide Y regulates proliferation and apoptosis in ovarian granulosa cells during follicular development  
Yoko Urata (Chronic Disease Program, Ottawa Hospital Research Institute, Canada) et al.

- ISP-54- 4. Advanced paternal age alone does not adversely affect pregnancy or live birth rates following intrauterine insemination  
Takayuki Tatsumi (Comprehensive Reproductive Medicine, Tokyo Medical and Dental University) et al.
- ISP-54- 5. Impact of protein stabilizer octanoic acid in culture medium on murine embryo development  
Akina Yamanaka (Tokyo Medical University Hospital) et al.
- ISP-54- 6. Incidence of residual bacteria contamination of transvaginal ultrasound probes in Japan  
Shiho Oide (Jichi Medical University, Saitama Medical Center) et al.

17 : 30~18 : 10

**Group 55 Women's Healthcare 3**

Chair : Tokyo Dental College Ichikawa General Hospital Mariko Ogawa

- ISP-55- 1. Dienogest is a new treatment option for premenstrual mood changes  
Yasuhiko Kamada (Okayama University) et al.
- ISP-55- 2. A retrospective study on bacteremia in the department of obstetrics and gynecology  
Tasuku Mariya (Sapporo Medical University) et al.
- ISP-55- 3. Estrogen receptor beta is essential for skeletal muscle development in young growth periods  
Yuriko Kitajima (Nagasaki University) et al.
- ISP-55- 4. Enhanced oxytocin sensitivity in the amygdala around delivery of rats  
Jiro Suzuki (The Jikei University School of Medicine) et al.
- ISP-55- 5. Estrogen signaling associates with energy production and upregulation of nuclear receptor subfamily 4 group A member 1 in mouse myoblastic C2C12 cells  
Saki Nagai (Juntendo University Hospital, Juntendo University) et al.
- ISP-55- 6. Laparoscopic management of pyosalpinx after hymenotomy for imperforate hymen in young girl : A case report  
Mayu Shibata (Gifu Prefectural Tajimi Hospital) et al.