

## April 14 (Friday)

### Invited Lecture 1

(Room 1 : Hiroshima Prefectural Sports Center (Green Arena) 2F Sub Arena, 14 : 50~15 : 30)

Pre-eclampsia, syncytiotrophoblast stress and a unique form of vascular inflammation

Chair : University of Toyama

Shigeru Saito

Speaker : University of Oxford, United Kingdom

Christopher Redman

### Educational Lecture 1

(Room 1 : Hiroshima Prefectural Sports Center (Green Arena) 2F Sub Arena, 9 : 40~10 : 10)

Management of Cervical Insufficiency

Chair : Okayama University

Yuji Hiramatsu

Speaker : Hallym University, Korea

Keun-Young Lee

### Sponsored Symposium

(Room 7 : RIHGA Royal Hotel Hiroshima 4F Royal Hall 1, 10 : 30~11 : 30)

Current state of the art in gynecologic laparoscopic surgery in the world

sponsored by OLYMPUS CORPORATION

Chair : The University of Tokyo

Yutaka Osuga

1) Sound development of gynecologic laparoscopic surgery in Japan

Speaker : The University of Tokyo

Yutaka Osuga

2) The World of Advanced Laparoscopy

Speaker : Frankfurt University, Germany

Sven Becker

### International Conference

(Room 6 : RIHGA Royal Hotel Hiroshima 4F Crystal Hall, 8 : 40~10 : 40)

1. AOFOG Program

Chair : Secretary-General, AOFOG, Philippines

Walfrido W. Sumpaico

JSOG

Takeshi Maruo

1) Clinical strategies to reduce unexplained stillbirths at term

Speaker : Consultant Obstetrician and Gynaecologist, and Clinical

Director, Maternal Fetal Medicine, Raffles Hospital, Singapore

Tony Tan

- 2) Issues with conservative treatments of uterine fibroids related to the problem with leiomyosarcomas  
 Speaker : University of Ulsan, Asan Medical Center, Korea  
 Shin-Wha Lee
- 3) Progress in pelvic organ prolapse and stress urinary incontinence management—is mesh really so scary?  
 Speaker : Gleneagles Hospital, Singapore  
 Christopher Chong
- 4) Recent Recommendations in Preeclampsia  
 Speaker : AOFOG Secretary General, Philippines  
 Walfrido W. Sumpaico

(Room 6 : RIHGA Royal Hotel Hiroshima 4F Crystal Hall, 10 : 40~11 : 40)

## 2. OGSS Program

- Chair : Raffles Hospital, Singapore  
 JSOG  
 Tony Tan  
 Toshiharu Kamura
- 1) Preimplantation Genetic Screening to Reduce Miscarriage and Improve Live Birth Rates  
 Speaker : National University Hospital, Singapore  
 Min Yu Lim
- 2) A pilot study on ICG sentinel lymph node biopsy in endometrial cancer performed in KK Women's & Children's Hospital, Singapore  
 Speaker : KK Women's and Children's Hospital, Singapore  
 Yong Kuei Lim

(Room 6 : RIHGA Royal Hotel Hiroshima 4F Crystal Hall, 13 : 20~15 : 20)

## 3. DGGG Program

- Chair : University Hospital Bonn, Germany  
 JSOG  
 Walther Kuhn  
 Noriaki Sakuragi
- 1) Impact of centralized care on survival in advanced ovarian cancer  
 Speaker : University Hospital Bonn / Center for Integrated Oncology  
 Köln Bonn (CIO), Germany  
 Walther Kuhn
- 2) Highlights of AGO Gynecological Guidelines for the Treatment of Breast Cancer – a multidisciplinary approach  
 Speaker : University of Ulm, Germany  
 Wolfgang Janni
- 3) The German System of Medical Check-up in Gynecology in Accordance to the new Guidelines of HPV-Screening  
 Speaker : Gynecology and Obstetrics, Gyn. Oncology, Germany  
 Gernot Beisler
- 4) The clinical role of CTCs in primary and metastatic breast cancer  
 Speaker : University of Dusseldorf, Germany  
 Tanja Fehm

(Room 6 : RIHGA Royal Hotel Hiroshima 4F Crystal Hall, 15 : 30~17 : 00)

#### 4. Collaboration of JSOG with other Asian Societies

Chair : SCGO, Cambodia

Sann Chansoeung

JSOG

Tadashi Kimura

Introduction

Speaker : JSOG

Tadashi Kimura

1) Cervical cancer in screening in Cambodia : Progress of SCGO-JSOG collaborative project and the future

Speaker : President, Cambodian Society of Gynecology and Obstetrics

(SCGO), Cambodia

Koum Kanal

Introduction

Speaker : JSOG

Koji Hashii

2) Cervical cytology and visual inspection with lugol iodine for detection of premalignant condition of cervix

Speaker : University of Medicine 1, Myanmar

Yin Yin Soe

Introduction

Speaker : JSOG

Hiroaki Soma

3) Medical Disorders in Pregnancy

Speaker : President, NESOG, Nepal

Lata Bajracharya

4) NESOG (NEPAL SOCIETY OF OBSTETRICIANS AND GYNAECOLOGISTS) : HISTORY AND ITS ACHIVEMENTS FOR LAST 25 YEARS

Speaker : Past President, NESOG, Nepal

Sanu Maiyan Dali

# JSOG Congress Award Candidate

April 14 (Friday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

April 14 (Fri.)  
Program

8 : 40~9 : 40

## Group 1 Award 1 Perinatology 1

Moderator : Juntendo University School of Medicine Satoru Takeda  
ACOG, USA Thomas M. Gellhaus

- IS-AC-1- 1. Optimal functional maturation of the premature ovine lung is independent of peak fetal steroid exposure  
Matthew Kemp (The University of Western Australia, Australia) et al.
- IS-AC-1- 2. Fetal therapy model of myelomeningocele with three-dimensional skin using amniotic fluid-derived iPS cells  
Kazuhiro Kajiwara (The Jikei University School of Medicine) et al.
- IS-AC-1- 3. Healthy, infection-free growth of preterm lambs maintained with ex-vivo uterine environment (EVE) therapy for one week  
Haruo Usuda (School of Women's and Infants' Health, The University of Western Australia, Australia) et al.
- IS-AC-1- 4. Urinalysis in Obstetrical Triage Visits  
Amy Addante (Mercy Hospital St. Louis, USA) et al.

April 14 (Friday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

8 : 40~9 : 40

## Group 2 Award 2 Oncology

Moderator : Tokai University Mikio Mikami  
University of Ulsan/KSOG, Korea Young Tak Kim

- IS-AC-2- 1. The Effect of Chemical inhibition of Lysyl-tRNA Synthase-Laminin Receptor in Ovarian Cancer  
E Sun Paik (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.
- IS-AC-2- 2. Anti-cancer Effect of Ulipristal Acetate in Uterine Leiomyosarcoma  
Ji Hye Kim (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.

- IS-AC-2- 3. Prognostic impact of *PIK3CA* mutation in stage IIIB or IVA cervical cancers treated by concurrent chemoradiotherapy with weekly cisplatin  
Bouchra Lachkar (Tsukuba University) et al.
- IS-AC-2- 4. The impact of anti-PD-1 antibody Nivolumab on chemo-sensitivity of platinum-resistant recurrent ovarian cancer  
Yoshihide Inayama (Kyoto University Hospital) et al.

## April 14 (Friday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

9 : 50~11 : 05

### Group 3 Award 3 Perinatology 2

Moderator : Rakuwakai Otowa Hospital Norimasa Sagawa  
Chonnam National University/KSOG, Korea Yu-II Lee

- IS-AC-3- 1. A model system for syncytiotrophoblast generation from human pluripotent stem cells  
Shinichiro Yabe (Aiiiku Hospital) et al.
- IS-AC-3- 2. Pregnancy outcomes in patients with pulmonary arterial hypertension associated with congenital heart disease  
Jacky Nizard (Hospitalier Pitie Salpetriere Paris APHP, France) et al.
- IS-AC-3- 3. Mean Sac Diameter is an Important Indicator for Choosing the Better Method to Managing Cesarean Scar Pregnancy : a Retrospective Cohort Study  
Ying-Cheng Chiang (National Taiwan University Hospital, National Taiwan University College of Medicine, Taipei, Taiwan) et al.
- IS-AC-3- 4. THYROID DISORDERS AND PREGNANCY OUTCOME—AN AMBISPECTIVE COHORT STUDY AT A SECONDARY CARE CENTRE IN SOUTH INDIA  
Shashikala Bhat (Melaka Manipal Medical College, Manipal University, India) et al.
- IS-AC-3- 5. Uterine flexion suture : Modified B-Lynch uterine compression Suture for treatment of uterine atony during cesarean section  
Srisuda Songthamwat (Udonthani Medical Education Center, Thailand) et al.

## April 14 (Friday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

9 : 50~11 : 05

### Group 4 Award 4 Reproduction/Women's health

Moderator : Tokyo Medical and Dental University Toshiro Kubota  
Kuo General Hospital/TAOG, Taiwan Tsung-Cheng Kuo

- IS-AC-4- 1. Comprehensive analysis of methylation of blastocysts cultured by four different constituents derived from In Vitro Fertilization in mice  
Yu Horibe (Tokyo Women's Medical University Hospital) et al.
- IS-AC-4- 2. Characteristic in the placental differentiation process, using human induced pluripotent stem cells  
Junya Kojima (Tokyo Medical University) et al.
- IS-AC-4- 3. Involvement of NADPH oxidase and NF- $\kappa$ B activation in CXCL1 induction by vascular endothelial growth factor in human endometrial epithelial cells of patients with adenomyosis  
Tsung-Hsuan Lai (Cathay General Hospital, Taipei, Taiwan) et al.
- IS-AC-4- 4. Anatomical and functional assessment of the pelvic autonomic nerves using a female swine model  
Hee Seung Kim (Seoul National University College of Medicine, Korea) et al.
- IS-AC-4- 5. Modulation of gene expression and physiological activity of skeletal muscles by estrogen in female mice  
Saki Nagai (Juntendo University) et al.

# International Session Workshop

April 14 (Friday) Room 8

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 2

10 : 00~11 : 15

## Group 1 Perinatology 1 PIH/PPH/Amniotic embolus

Moderator : Hokkaido University Hisanori Minakami  
University of Oxford, UK Manu Vatish

- IS-WS-1- 1. The association between pregnancy-induced hypertension and hypertension in later life by age group : A cross-sectional analysis  
Maiko Wagata (Division of Feto-Maternal Medical Science, Tohoku Medical Megabank Organization, Tohoku University) et al.
- IS-WS-1- 2. A study of neuroimaging in cases of eclampsia  
Priyadarshini Tiwari (NSCB Medical College Jabalpur, India) et al.
- IS-WS-1- 3. Uterine artery and umbilical artery doppler in prediction of fetal outcomes in severe pre-eclampsia  
Khin Lay Kywe (Central Women's Hospital, Myanmar) et al.
- IS-WS-1- 4. Squamous cell carcinoma (SCC) antigen as a novel candidate marker for amniotic fluid embolism  
Natsuki Koike (Nara Medical University) et al.
- IS-WS-1- 5. Use of Extracorporeal Membrane Oxygenation in Critically Ill Obstetric Patients  
Huang Kuan-Ying (National Taiwan University Hospital, Taiwan) et al.

April 14 (Friday) Room 9

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 3

10 : 00~11 : 30

## Group 2 Reproduction1 Infertility/Uterus transplantation

Moderator : Hyogo College of Medicine Hiroaki Shibahara  
National Taiwan University Hospital/TAOG, Taiwan Hong-Neng Ho

- IS-WS-2- 1. The sirtuin 1 activator resveratrol regulates the retinoic acid signaling pathway and suppresses decidualization of human endometrial stromal cells  
Asako Ochiai (Juntendo University) et al.
- IS-WS-2- 2. Intentional endometrial injury enhances endometrial angiogenesis in a mouse model : a possible mechanism accounting for the increased embryo implantation potential  
Jehn-Hsiahn Yang (National Taiwan University Hospital, Taiwan) et al.

- IS-WS-2- 3. MOTHERHOOD AFTER AGE 50 : LONG-TERM FOLLOW UP OF PHYSICAL AND MENTAL WELL-BEING OF WOMEN WHO BECAME MOTHERS THROUGH OOCYTE DONATION  
Erica Davenport (University of Southern California, USA) et al.
- IS-WS-2- 4. Suggested indications of preimplantation genetic screening (PGS) for in vitro fertilization-embryo transfer (IVF-ET) for successful pregnancy outcomes  
Seung Joo Chon (Gachon Medical University, Gil Hospital, Korea) et al.
- IS-WS-2- 5. Organ perfusion for uterus transplantation in non-human primates with assumed procurement of a uterus from a brain-dead donor  
Yusuke Matoba (Keio University School of Medicine) et al.
- IS-WS-2- 6. Attitudes towards uterus transplantation compared to surrogacy and adoption : A survey among university students in Japan  
Sayoko Kotani (Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences) et al.

## April 14 (Friday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

15 : 00~16 : 15

### Group 3 Uterine Leiomyoma/Endometriosis 1

Moderator : The University of Tokyo Yutaka Osuga  
Shinshu University Tanri Shiozawa

- IS-WS-3- 1. Redox balance and heme oxygenase 1 state in iron-induced carcinogenesis in ovarian endometrioma  
Fuminori Ito (Nara Medical University) et al.
- IS-WS-3- 2. DNA methylation-based biomarkers for uterine leiomyomas and their clinical application  
Ryo Maekawa (Yamaguchi University) et al.
- IS-WS-3- 3. Decreased expression of ESRI in endometriosis is caused by aberrant DNA methylation of T-DMRs (Tissue-dependent and differentially methylated regions)  
Yumiko Mihara (Yamaguchi University) et al.
- IS-WS-3- 4. Resveratrol suppresses inflammatory responses of peritoneal macrophages in endometriosis  
Erina Satake (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-3- 5. The activation of PI3K/Akt/mTOR pathway is associated with the activation of primordial follicles in ovaries affected with endometrioma  
Arisa Takeuchi (Graduate School of Medicine, The University of Tokyo) et al.

**April 14 (Friday) Room 3**

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

15 : 00~16 : 30

**Group 4 Oncology 1 Cervical cancer/CIN**Moderator : Fujita Health University Takuma Fujii  
Sungkyunkwan University/KSOG, Korea Duk-Soo Bae

- IS-WS-4- 1. The efficacy and safety of radical trachelectomy for early stage cervical cancer during pregnancy  
Kosuke Yoshihara (Niigata University) et al.
- IS-WS-4- 2. Identification of therapeutically targetable FGFR-fusion genes in cervical cancer through RNA sequencing  
Ryo Tamura (Niigata University) et al.
- IS-WS-4- 3. Suppression of anti-apoptotic molecule, survivin, sensitizes TRAIL-induced apoptosis in TRAIL-resistant cervical cancer cells  
Hiroe Nakamura (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-4- 4. Novel effects of narrow-band low-energy middle-infrared radiation in enhancing the anti-tumor activity of paclitaxel  
Bor-Ching Sheu (National Taiwan University Hospital, College of Medicine, National Taiwan University, Taiwan) et al.
- IS-WS-4- 5. The pathologic profile of the low grade results of uterine cervical smear for 20 years at one institution in Korea  
Eunseop Song (Inha University, Korea) et al.
- IS-WS-4- 6. Cervical Pre-Cancer Treatment in Cambodia  
Aun Korn (Calmette Hospital, Cambodia) et al.

**April 14 (Friday) Room 2**

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

16 : 15~17 : 15

**Group 5 Endometriosis 2**Moderator : Kansai Medical University Hidetaka Okada  
Tsukuba University Toyomi Sato

- IS-WS-5- 1. Periostin activates invasive potency of endometriotic epithelial cells  
Kazuaki Neriishi (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-5- 2. Snail promotes invasion and inflammatory reactions in endometriotic epithelial cells  
Shinya Fukuda (Graduate School of Medicine, The University of Tokyo) et al.

- IS-WS-5- 3. Daidzein-rich isoflavone aglycones inhibit proliferation of human endometriotic stromal cells and in a mouse endometriosis model  
Osamu Takaoka (Kyoto Prefectural University of Medicine) et al.
- IS-WS-5- 4. Alpha-7 nicotinic acetylcholine receptor (nAChR) agonist inhibits the development of endometriosis by regulating inflammation  
Osamu Yoshino (University of Toyama) et al.

### April 14 (Friday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

16 : 30~18 : 00

#### Group 6 Oncology 2 Endometrial cancer

Moderator : Kurume University School of Medicine Kimio Ushijima  
Ewha Womans University/KSOG, Korea Seung Cheol Kim

- IS-WS-6- 1. Investigation of uterine corpus cancer treatment in elderly women  
Takanori Yokoyama (Hiroshima University) et al.
- IS-WS-6- 2. Correlation between the tumor area and copies number of CK19 mRNA expression by OSNA in sentinel lymph nodes of patients with endometrial cancer  
Satoshi Okamoto (Tohoku University) et al.
- IS-WS-6- 3. *Transformed follicular lymphoma* as a novel prognostic biomarker for endometrial cancer  
Senn Wakahashi (Kobe University Graduate School of Medicine) et al.
- IS-WS-6- 4. Polypeptide N-acetylgalactosaminyltransferase-6 (GalNAc-T6) is related to cell invasiveness and independently predicts good prognosis in patients with uterine endometrial carcinomas  
Tomoko Kurita (University of Occupational and Environmental Health) et al.
- IS-WS-6- 5. Clinicopathological characteristics of hyperprolactinemic patients with endometrial cancer by immunohistochemical analysis  
Erdenebaatar Chimeddulam (Kumamoto University) et al.
- IS-WS-6- 6. Endometrial surveillance in premenopausal breast cancer patients using tamoxifen  
Maria Lee (Seoul National University College of Medicine, Korea) et al.

**April 14 (Friday) Room 5**

NTT Cred Hall 11F

16 : 10~17 : 10

**Group 7 Reproduction 2 Reproductive Physiology**Moderator : Nippon Medical School Toshiyuki Takeshita  
Oita University Hisashi Narahara

- IS-WS-7- 1. Role of Type I Interferon and IRF-7 in anti-viral responses at the placenta  
Go Ichikawa (Nihon University) et al.
- IS-WS-7- 2. Newly developed promising oocyte activation with phospholipase C zeta 1  
(PLCZ1) for treating repeated unsuccessful fertilization in ICSI  
Takashi Yamaguchi (Saint Mother Hospital) et al.
- IS-WS-7- 3. Glucagon-like peptide-1 (GLP-1) increases kisspeptin mRNA expression in  
hypothalamic neurons  
Aki Oride (Shimane University Faculty of Medicine) et al.
- IS-WS-7- 4. M1 macrophages but not M2 macrophages are involved in folliculogenesis  
Yosuke Ono (University of Toyama) et al.

# International Session Poster

## April 14 (Friday) Poster Session 1

Hiroshima Prefectural Sports Center (Green Arena) B1F : Main Arena

April 14 (Fri.)  
Program

13 : 15~15 : 15

### Group 1 Cervical cancer/CIN-1

Moderator : Yokohama City University Etsuko Miyagi

- ISP-1- 1. The significance of tumor-associated neutrophils in uterine cervical cancer treated with definitive radiotherapy  
Yuri Matsumoto (Osaka University) et al.
- ISP-1- 2. Extended-field radiotherapy with concurrent chemotherapy (extended-field CCRT) for cervical cancer with para-aortic or high common iliac lymph node involvement  
Akiko Abe (Tokushima University) et al.
- ISP-1- 3. Investigation of factors of radio resistance for cervical cancer  
Masato Nishimura (Tokushima University) et al.
- ISP-1- 4. The evaluation of radiation-induced fistula in cervical cancer after therapy  
Mihoko Kawaguchi (University of Toyama) et al.
- ISP-1- 5. Radiation therapy determined by various imaging modalities and prognosis for advanced uterine cervical cancer  
Kaho Suzuki (Kobe University) et al.
- ISP-1- 6. A retrospective analysis of five cases of cervical cancer treated with concurrent paclitaxel and carboplatin-based chemoradiotherapy  
Natsuko Kamiya (Yokohama City University Hospital) et al.
- ISP-1- 7. A case of necrotizing fasciitis that occurred during hospitalization for chemoradiotherapy for cervical cancer  
Takako Arai (Kobe University) et al.
- ISP-1- 8. The effectiveness of radiotherapy on neurogenic symptoms in uterine cervical cancer patients with brain or skeletal metastasis  
Kyoko Okita (University of Toyama) et al.
- ISP-1- 9. The effectiveness of neoadjuvant chemotherapy with uterine arterial infusion of cisplatin followed by weekly intravenous paclitaxel infusion for the stage IB to IIB cervical cancer  
Takashi Suzuki (Seirei Hamamatsu General Hospital) et al.

13 : 15~15 : 15

**Group 2 Cervical cancer/CIN-2**

Moderator : Dokkyo Medical University Ichio Fukasawa

- ISP-2- 1. Key role of Notch-ASCL1 pathway for trans-differentiation in a mixed small cell carcinoma/adenocarcinoma of uterine cervix  
Satoshi Kubota (Osaka Medical Center for Cancer and Cardiovascular Diseases) et al.
- ISP-2- 2. Growth inhibitory effect of Src inhibitor Dasatinib in cervical adenocarcinoma cells  
Eri Takiguchi (Tokushima University) et al.
- ISP-2- 3. STAT1 (Signal Transducers and Activator of Transcription 1) is activated in sphere-forming cells from SiHa and decreases the sensitivity to anti-cancer drug.  
Akira Kawata (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-2- 4. Blockade of aurora kinase induces addiction to the EGFR pathway and enhances the sensitivity of an EGFR inhibitor in cervical squamous cell carcinoma  
Kanako Nakamura (Keio University School of Medicine) et al.
- ISP-2- 5. Analysis of human papillomavirus oncogene E6/E7 spliced transcripts in Liquid-Based Cytology samples from patients with cervical neoplastic diseases  
Shuling Liu (Tsukuba University) et al.
- ISP-2- 6. HPV E6 siRNA restores adenovirus-mediated transfer of p53 gene linked with estrogen response element into HPV 16 gene integrated immortalized cervical cells NCE16 and cervical cancer derived cells CaSki  
Kenichi Honda (Kashiwara Municipal Hospital) et al.
- ISP-2- 7. HPV11 (low-risk) E6 directs p53 degradation in confluent keratinocytes and acts to sustain episomal copy number  
Isao Murakami (Keio University School of Medicine) et al.
- ISP-2- 8. CDX2 expression in cervical cancer  
Suguru Nosaka (Hiroshima University) et al.
- ISP-2- 9. Expression of XPA predicts the efficacy of neoadjuvant chemotherapy for locally advanced uterine cervical cancer  
Takuma Wada (Osaka City University) et al.
- ISP-2- 10. 17 $\beta$ -estradiol promotes cervical cancer progression by stimulating the production of myeloid derived suppressor cells  
Katsumi Kozasa (Osaka University) et al.
- ISP-2- 11. The study of HPVE6, E7 protein and HPV E6/E7mRNA expression in cervical erosion between Han and Uyghur  
Mayinuer Niyazi (The People's Hospital of Xinjiang Uighur Autonomous Region, China) et al.
- ISP-2- 12. Dynamin 2 inhibitors as novel therapeutic agents in cervical cancer cells  
Hyeyeon Yi (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.

13 : 15~15 : 15

**Group 3 Endometrial cancer-1**

Moderator : Hirosaki University Yoshihito Yokoyama

- ISP-3- 1. Clinicopathological significance of claudin-6 expression in uterine endometrial cancer  
Manabu Kojima (Fukushima Medical University) et al.
- ISP-3- 2. Identification of biomarkers to diagnose lymphatic metastasis based on gene expression patterns in the primary lesion in endometrial carcinoma  
Emiko Yoshida (Juntendo University) et al.
- ISP-3- 3. Anti-tumor effect of inhibition of DNA damage response pathway in endometrial cancer cells  
Makoto Takeuchi (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-3- 4. PD-0332991, the cyclin-dependent kinase 4/6 inhibitor palbociclib, in endometrial cancer  
Tomohito Tanaka (Osaka Medical College) et al.
- ISP-3- 5. The 17 $\beta$ -hydroxysteroid dehydrogenase type 2 expression induced by the androgen signal in endometrial cancer  
Chiaki Hashimoto (Tohoku University Hospital) et al.
- ISP-3- 6. Angiogenesis factors in Patients with endometrial malignancies  
Mayu Yunokawa (Department of Breast and Medical Oncology, National Cancer Center Hospital)
- ISP-3- 7. Reactivation of epigenetically silenced miR-124 reverses the epithelial-to-mesenchymal transition and inhibits invasion in endometrial cancer cells via the direct repression of IQGAP1 expression  
Kei Ihira (Hokkaido University) et al.
- ISP-3- 8. Investigation of the antineoplastic effect of lovastatin on endometrial cancer  
Yusuke Kobayashi (Keio University School of Medicine) et al.
- ISP-3- 9. Development of a novel biomarker for neoplasms through analysis of copy number variations in cell-free DNA of the blood of patients  
Makoto Nakabayashi (Showa University) et al.
- ISP-3- 10. Differential gene expression profile of lymphovascular space invasion in endometrial cancer  
Takafumi Watanabe (Fukushima Medical University) et al.
- ISP-3- 11. Dysadherin might be an independent prognostic factor for in uterine endometrial cancer  
Kyoko Akashi (Kyoto Prefectural University of Medicine) et al.

13 : 15~15 : 15

**Group 4 Endometrial cancer-2**

Moderator : Tohoku University Kiyoshi Ito

- ISP-4- 1. Clinical implication of cervical cytology in serous carcinoma of the endometrium  
Satoko Matsuzaki (Osaka University) et al.
- ISP-4- 2. Laparoscopic Lymph Node Sampling other than Initial Treatment for Endometrial Cancer : A Retrospective Single-institution Study  
Tsukasa Baba (Kyoto University) et al.
- ISP-4- 3. The significance of sentinel lymph node (SLN) biopsy for performing safely minimal invasive surgery in patients with endometrial cancer  
Kei Kudo (Tohoku University) et al.
- ISP-4- 4. A retrospective study of the efficiency of adjuvant chemotherapy for subdivided endometrial carcinoma with intermediate risk group  
Naoki Matsuoka (Hiroshima University) et al.
- ISP-4- 5. A study of endometrial serous carcinoma in a super-aging society  
Shinya Kusumoto (Chugoku Rosai Hospital) et al.
- ISP-4- 6. A case of endometrioid adenocarcinoma arising from adenomyosis  
Azusa Wada (Japan Community Healthcare Organization Osaka Hospital) et al.
- ISP-4- 7. A case of multi-focal endometrioid adenocarcinoma grade 1 that was thought to originate independently of endometrial hyperplasia  
Yukiyo Shimada (Kyusyu Medical University) et al.

13 : 15~15 : 15

**Group 5 Endometrial cancer-3**

Moderator : Yamagata University, School of Medicine Satoru Nagase

- ISP-5- 1. Characteristics of endometrial cancer accompanied with endometriosis  
Marie Sato (Faculty of Medicine, The University of Tokyo) et al.
- ISP-5- 2. Evaluation of laparoscopic surgery for early-stage endometrial cancer in our Hospital  
Keisuke Kodama (Kyushu University) et al.
- ISP-5- 3. Short term outcomes of laparoscopic surgery for early-stage endometrial cancer  
Emiko Niino (Nara Medical University) et al.
- ISP-5- 4. Non-obesity and non-polycystic ovary are risk factors for recurrence in fertility-sparing treatment with medroxyprogesterone acetate for endometrial cancer  
Yamato Fukui (Faculty of Medicine, The University of Tokyo) et al.
- ISP-5- 5. Comparison between laparoscopy and laparotomy for the incidence of postoperative lymphocyst following pelvic lymphadenectomy for uterine cancer  
Reisa Kakubari (Osaka University) et al.

- ISP-5- 6. Research on early warning factors of cervical carcinomas and precancerous lesions  
Gulan Tuohetumulati (The People's Hospital of Xinjiang Uighur Autonomous Region., China) et al.
- ISP-5- 7. Learning curve for laparoscopic staging of early and locally advanced cervical and endometrial cancer  
Morva Tahmasbi Rad (University of Frankfurt, Germany) et al.

13 : 15~15 : 15

**Group 6 Ovarian/Tubal cancer-1**

Moderator : Mie University Tsutomu Tabata

- ISP-6- 1. FOXL2 copy number is predictive of early recurrent adult type granulosa cell tumor of the ovary  
Satoshi Yanagida (The Jikei University School of Medicine) et al.
- ISP-6- 2. FBXW7 is involved in the acquisition of the malignant phenotype in epithelial ovarian tumors  
Shoko Kitade (Kyushu University) et al.
- ISP-6- 3. PRKRA/PACT expression promotes chemoresistance in mucinous ovarian cancer  
Takeshi Hisamatsu (Osaka Police Hospital/Anderson Cancer Center, USA)
- ISP-6- 4. Identification of somatic genetic alterations in ovarian clear cell carcinomas with next generation sequencing  
Yusuke Shibuya (Tohoku University Hospital) et al.
- ISP-6- 5. Saikosaponin-d sensitizes chemoresistant ovarian cancer cells to cisplatin-induced apoptosis by facilitating mitochondrial fission and G2/M arrest  
Hideaki Tsuyoshi (Fukui University) et al.
- ISP-6- 6. The presence and consumption of anti-PEG IgM in ovarian cancer patients under treatment with PLD  
Yoko Matsumoto (The University of Tokyo) et al.
- ISP-6- 7. Impact of CXCL10 and plasmacytoid dendritic cells for tumor microenvironment in KRAS-driven ovarian cancer mouse model  
Juri Ogishima (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-6- 8. Snail inhibits anti-tumor immunity through upregulation of CXCR2 ligands in ovarian cancer  
Mana Taki (Kyoto University) et al.

13 : 15~15 : 15

**Group 7 Ovarian/Tubal cancer-2**

Moderator : Iwate Medical University Hiroaki Itamochi

- ISP-7- 1. The pivotal role of LATS1 in ovarian cancer progression  
Hiroshi Yagi (Kyushu University) et al.
- ISP-7- 2. Differential requirement of amino acids on cell survival of ovarian cancer cells  
Akiko Furusawa (Tokyo Medical and Dental University) et al.

- ISP-7- 3. Investigation of the utility of IL-18 to develop new adoptive cellular immunotherapy for ovarian cancer patients with malignant ascites  
Yuki Abe (Tokyo Women's Medical University) et al.
- ISP-7- 4. Alpha-chain of Complement 4-Binding Protein with Fully-Sialylated Glycans (FS-C4BP) : Diagnostic utility for early stage ovarian clear cell carcinoma and endometrioma  
Masaru Hayashi (Tokai University Hospital) et al.
- ISP-7- 5. In vivo loss-of-function screen with pooled shRNA library identifies KPNB1 as a new drug target for epithelial ovarian cancer  
Michiko Kodama (Osaka University Graduate School of Medicine) et al.
- ISP-7- 6. Novel implications of La-Related Protein 4, an RNA chaperon, in ovarian cancer metastasis suppression  
Mahy Egiz (Tohoku University) et al.
- ISP-7- 7. POSTTREATMENT TWO YEARS FOUR MONTHS CANCER FREE SURVIVAL FROM FIGO STAGE 4 INVASIVE CERVICAL CANCER (BY CLINICAL EXAMINATION, PET CT SCAN & HISTOPATHOLOGICAL CRITERIA) IN MALAYSIA  
Eugene Leong Weng Kong (Taylors University, Malaysia)

13 : 15~15 : 15

**Group 8 Ovarian/Tubal cancer-3**

Moderator : Dokkyo Medical University Koshigaya Hospital Satoshi Takakura

- ISP-8- 1. Establishment of primary cell culturing method to study ovarian cancer heterogeneity  
Kyoso Ishida (Osaka University) et al.
- ISP-8- 2. Anti-tumor activities of ceramide nanoliposomes in ovarian cancer  
Xuewei Zhang (Tohoku University) et al.
- ISP-8- 3. Tyrosine kinase receptor TIE-1 mediates platinum resistance by promoting nucleotide excision repair in ovarian cancer  
Masumi Ishibashi (Tohoku University) et al.
- ISP-8- 4. Regulation of Reg IV by CDX2 in ovarian mucinous adenocarcinoma  
Iemasa Koh (Hiroshima University) et al.
- ISP-8- 5. Evaluation of neo-antigen specific CD8<sup>+</sup> T cells in ascites of gynecologic cancer patients and identification of their T cell receptors using next generation sequencer  
Yuji Ikeda (The University of Chicago, USA) et al.
- ISP-8- 6. Ovarian cancer-associated neutrophils have anti-cancer property through CD8 T cell activation  
Mitsuyo Yoshida (Graduate School of Medicine, Tokyo University) et al.
- ISP-8- 7. Establishment and utility assessment of patient-derived models for ovarian clear cell carcinoma with ARID1A deficiency  
Kazuaki Takahashi (Jikei University School of Medicine) et al.

- ISP-8- 8. Expression of N-acetylgalactosaminyltransferase-6 (GalNAc-T6) in ovarian carcinomas  
Midori Murakami (University of Occupational and Environmental Health) et al.

13 : 15~15 : 15

**Group 9 Ovarian/Tubal cancer-4**

Moderator : Kure Medical Center and Chugoku Cancer Center Takashi Sawasaki

- ISP-9- 1. Expression of UCP2 is associated with sensitivity to platinum-based chemotherapy for ovarian serous carcinoma  
Masaru Kawanishi (Osaka City University) et al.
- ISP-9- 2. Expression of TBX2 is associated with sensitivity to platinum-based chemotherapy for ovarian serous carcinoma  
Reiko Tasaka (Osaka City University) et al.
- ISP-9- 3. 2',4'-bridged nucleic acid antisense for Annexin A4 Improve platinum drug resistance of ovarian clear cell carcinoma  
Satoshi Nakagawa (Sakai City Medical Center) et al.
- ISP-9- 4. EpCAM expression affects resistance to chemotherapy and survival in epithelial ovarian cancer patients  
Takeshi Motohara (Kumamoto University) et al.
- ISP-9- 5. Ceramide synthase 2-ceramide synthesis pathway modulates the metastatic potential of ovarian cancer  
Kazuyuki Kitatani (Tohoku University) et al.
- ISP-9- 6. Pretreatment Multiplication of Neutrophil and Monocyte counts as a Prognostic Factor in Epithelial ovarian cancer  
Sooyoung Jeong (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.
- ISP-9- 7. Nomograms predicting Platinum-sensitivity using pre-treatment White Blood Cell differential Count in Epithelial Ovarian Cancer  
Kyung-A Son (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea) et al.

13 : 15~15 : 15

**Group 10 Uterine leiomyoma/Endometriosis-1**

Moderator : Toho University Omori Medical Center Mineto Morita

- ISP-10- 1. Hypoxia induced cell proliferation and apoptosis in uterine leiomyoma and myometrial cells  
Hiroschi Ishikawa (Chiba University) et al.
- ISP-10- 2. Tissue remodeling by renin-angiotensin system is uncontrolled in the endometriotic lesion and eutopic endometrium of endometriosis cases  
Takahiro Nakajima (Nihon University School of Medicine) et al.

- ISP-10- 3. Molecular background of estrogen receptor-dependent gene expression in endometriotic cells  
Fuminori Taniguchi (Tottori University) et al.
- ISP-10- 4. The role of peritoneal macrophages in the pathogenesis of endometriosis  
Tomoko Makabe (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-10- 5. Exome sequencing of endometriosis identified recurrent somatic mutations in MAPK pathway  
Kazuaki Suda (Niigata University) et al.
- ISP-10- 6. Differential status of epithelial-mesenchymal transition in endometriosis and adenomyosis : ZEB1 as a potential indicator of endometriotic invasiveness  
Hirotaka Masuda (Keio University School of Medicine) et al.
- ISP-10- 7. Investigate the Inhibitory Effect of SS5020-A Selective Estrogen Receptor Modulator on Uterine Leiomyomas in an Xenograft Mouse Model  
Bin Li (Department of Tohoku Medical Megabank Organization, Tohoku University) et al.
- ISP-10- 8. Global gene profiling of primary endometriotic epithelial cells  
Akari Nakazawa (Faculty of Medicine, The University of Tokyo) et al.
- ISP-10- 9. Comparison of follicular density between ovaries with and without ovarian endometrioma  
Takashi Mimura (Showa University School of Medicine) et al.
- ISP-10- 10. Serum CA125 during menstruation as a diagnostic marker to predict early-stage endometriosis  
Chiaki Kashino (Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences) et al.
- ISP-10- 11. Evaluation of deeply infiltrating endometriosis by preoperative MRI in patients with adenomyosis  
Kanakano Yoshida (Tokushima University) et al.
- ISP-10- 12. The effect of ultrasound-guided high-intensity focused ultrasound treatment on uterine fibroid and adenomyosis  
Ki Hyon Kil (HIFU center, St. Peter's Hospital, Korea) et al.

13 : 15~15 : 15

**Group 11 Reproductive Physiology/Endocrinology-1**

Moderator : Teikyo University Takuya Ayabe

- ISP-11- 1. Hypothalamic kisspeptin directly regulates prolactin synthesis in a pituitary lactotroph cell line  
Tomomi Hara (Shimane University Faculty of Medicine) et al.
- ISP-11- 2. What is preimplantation genetic diagnosis strategy for germline mosaicism?  
Junko Maki (Keio University School of Medicine) et al.
- ISP-11- 3. Global gene expression profile in the luminal epithelium of the mouse uterus during embryo attachment  
Shota Igaue (Graduate School of Medicine, The University of Tokyo) et al.

- ISP-11- 4. Uterine extracellular matrix is a useful material for normal uterine regeneration in a mouse model of decellularized matrix transplantation  
Chiaki Takehisa (Faculty of Medicine, The University of Tokyo) et al.
- ISP-11- 5. STAT3 is crucial for the entire process of uterine regeneration in a mouse model of decellularized matrix transplantation  
Takehiro Hiraoka (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-11- 6. Integrated epigenome profiling of histone modifications, DNA methylation and gene expression in human endometrial stromal cells during decidualization  
Noriko Kato (Juntendo University) et al.
- ISP-11- 7. Uterine dendritic cells in allogeneic mating mice are identified as tolerogenic dendritic cells  
Tomoko Shima (University of Toyama) et al.
- ISP-11- 8. Levonorgestrel prevents embryo implantation by suppressing uterine LIF expression  
Mitsunori Matsuo (Faculty of Medicine, The University of Tokyo) et al.
- ISP-11- 9. The influence of early life psychological stress on sexual maturation in male and female rats  
Kiyohito Yano (Tokushima University) et al.
- ISP-11- 10. Dynamic changes in mitochondrial distribution in human oocytes during meiotic maturation  
Yuki Takahashi (St. Marianna University School of Medicine) et al.
- ISP-11- 11. Molecular detection of intrauterine microbial colonization in women with endometriosis  
Khaleque Khan (Kyoto Prefectural Medical University) et al.
- ISP-11- 12. Enhanced miR-132 expression promotes the pathogenesis of endometriosis through activation of AKT serine/threonine kinase 1  
Yoko Aoyagi (Nakatsu Municipal Hospital) et al.
- ISP-11- 13. Effect of menopause on expression of progesterone receptor in ampulla of the fallopian tube  
Takayuki Uchimura (University of Occupational and Environmental Health) et al.

13 : 15~15 : 15

**Group 12 Maternal physiology/Perinatal care**

Moderator : Tokai University School of Medicine Hitoshi Ishimoto

- ISP-12- 1. The vector synthesis high-resolution electrocardiography, ANP and NT-proBNP for estimation of cardiac load in the normal pregnancy  
Shino Tanaka (Iwate Medical University) et al.
- ISP-12- 2. Transition of uterine luminal volume in early pregnancy  
Yumiko Nishimori (Graduate School of Medicine, The University of Tokyo) et al.

- ISP-12- 3. Uterine cervical elasticity of various cervical regions in normal singleton pregnancy between 14 and 35 weeks' gestation evaluated using shear wave ultrasound elastography  
Megumi Muto (Kurume University Hospital, Maternal and Perinatal Medical Center) et al.
- ISP-12- 4. Gestational age-related changes in uterine cervical elasticity in normal pregnancy at 14-35 weeks' gestation evaluated using shear-wave ultrasound elastography  
Takashi Horinouchi (Kurume University Hospital) et al.
- ISP-12- 5. Transition of fetal presentation during pregnancy  
Yu Takahashi (The University of Tokyo) et al.
- ISP-12- 6. Anxieties are strongly associated with postnatal depression in primiparous women  
Saiko Urayama (Miyoshi Central Hospital) et al.
- ISP-12- 7. Common marmoset as an animal model in pregnancy associated plasma proteins—PZP, A2ML1, PSG—  
Hirofumi Kashiwagi (Specialized Clinical Science, Tokai University School of Medicine) et al.
- ISP-12- 8. Is pregnancy with ART associated with deteriorated delivery course in advanced age primiparous pregnancy?  
Kenji Kishida (Aiiiku Hospital) et al.
- ISP-12- 9. Detection of optimal weight gain during pregnancy calculated by height and prepregnancy body mass index for reducing delivery of small-for-gestational-age infants : A large retrospective cohort study  
Arihiro Shiozaki (University of Toyama) et al.
- ISP-12- 10. The role of Pbk in pancreas  $\beta$  cell proliferation during pregnancy  
Tadayoshi Uesato (Juntendo University) et al.
- ISP-12- 11. Impact of group prenatal care on pregnancy weight gain and postpartum weight loss  
Krystilyn Washington (Rutgers University- New Jersey Medical School, USA) et al.
- ISP-12- 12. A Herniated Term Gravid Uterus from Previous Scar : A Case Report  
Katrina Albano (Amang Rodriguez Memorial Medical Center, Philippines) et al.
- ISP-12- 13. Undernourishment *In Utero* Primes Hypertrophy As Well As Enlargement Of Lipid Droplets In The Hepatocytes Of The Mice Offspring Under Obesogenic Diet  
Jeenat Ferdous Urmi (Hamamatsu University School of Medicine) et al.

13 : 15~15 : 15

**Group 13 Placenta**

Moderator : Saitama Medical University Yoshimasa Kamei

- ISP-13- 1. Timing is everything : What is the optimal timing to evaluate placenta accreta by magnetic resonance imaging?  
Aiko Okada (Osaka University) et al.

- ISP-13- 2. Alteration of TrkB isoform expression in the Fetal growth restriction  
Akane Kondo (Shikoku Medical Center, National Hospital Organization) et al.
- ISP-13- 3. Double-stranded RNA regulates BCL2 family molecules and induces apoptosis in human cultured syncytiotrophoblasts via toll-like receptor 3. A possible mechanism for pregnancy complications?  
Kenichiro Motomura (National Research Institute for Child Health and Development) et al.
- ISP-13- 4. The expression of syncytin 2 signaling genes in the differentiation process of cytotrophoblast into syncytiotrophoblast  
Kazuki Morita (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-13- 5. Management of placenta previa regarding operative timing of gestational age  
Aki Takase (Osaka City University) et al.
- ISP-13- 6. The obstetric complications and outcomes related to singleton pregnancies after embryo transfer  
Yusuke Kurokawa (Kurume University Hospital Maternal and Perinatal Medical Center) et al.
- ISP-13- 7. The association of placental post-transcriptional mRNA modification and fetal growth  
Kosuke Taniguchi (Kyoto Prefectural University of Medicine) et al.
- ISP-13- 8. Regulatory mechanism of CD59 expression on human extravillous trophoblast  
Masashi Ueda (Kyoto University Graduate School of Medicine) et al.
- ISP-13- 9. Sonic hedgehog pathway regulates placental growth factor expression in placenta  
Hiroshi Takai (Kyoto University Hospital) et al.
- ISP-13- 10. Decreased cell-free but not exosomal miR-518b in maternal plasma is caused by amniocentesis  
Kiyonori Miura (Nagasaki University) et al.
- ISP-13- 11. A case of nonreassuring fetal status associated with umbilical cord thrombosis  
Yuko Takahashi (Showa General Hospital) et al.

13 : 15 ~ 15 : 15

**Group 14 Fetal/Newborn physiology/pathology-1**

Moderator : Teikyo University Eiji Ryo

- ISP-14- 1. Characteristics of interventricular shunt flow in fetuses with isolated ventricular septal defect assessed by dual Doppler imaging  
Takashi Kaji (Tokushima University) et al.
- ISP-14- 2. Non-essential and branched-chain amino acids differently regulate insulin-like growth factor binding protein-1 production and phosphorylated status in cultured HepG2 cells  
Kei Tanaka (Kyorin University) et al.
- ISP-14- 3. Prenatal diagnosis of nine cases with supernumerary marker chromosomes  
Tomona Matsuoka (The Jikei University School of Medicine) et al.

- ISP-14- 4. Therapeutic effects of CD133+ cells derived from human umbilical cord blood in a neonatal-immunodeficient mouse model of hypoxic-ischemic encephalopathy  
Yukie Kidani (Hiroshima University) et al.
- ISP-14- 5. Telediagnosis system for congenital heart disease in a prefecture  
Aki Mabuchi (Kyoto Prefectural University of Medicine) et al.
- ISP-14- 6. Eye movement activity in normal human fetuses between 24 and 39 weeks of gestation  
Hikohiro Okawa (Kyushu University) et al.
- ISP-14- 7. Adaptation of Cardiac Function in the Fetuses with Complete Atrioventricular Block  
Yuka Yamamoto (Juntendo University Shizuoka Hospital) et al.

13 : 15~15 : 15

**Group 15 Fetal/Newborn physiology/pathology-2**

Moderator : Tohoku University Yoshitaka Kimura

- ISP-15- 1. Cord blood neurotrophins of neonates born to mothers with schizophrenia  
Yoshinori Moriyama (Nagoya University) et al.
- ISP-15- 2. Fetal skeletal dysplasia : accuracy of prenatal diagnosis  
Miyoko Waratani (Kyoto Prefectural University of Medicine) et al.
- ISP-15- 3. Successful prenatal diagnosis and cesarean delivery of a monozygotic twin with Pentalogy of Cantrell having a giant omphalocele firmly attached to the amniotic membrane  
Tomonobu Kanasugi (Iwate Medical University) et al.
- ISP-15- 4. The role of sonographic evaluation of anal atresia in prenatal diagnosis of persistent cloaca : report of two cases  
Moe Yorozu (National Hospital Organizaion Okayama Medical Center) et al.
- ISP-15- 5. Diagnosis and effective treatment of a newborn with both fetal umbilical and neonatal arterial thromboembolism following fetal umbilical cord ulcer  
Takuo Nakayama (Nihon University, Itabashi Hospital) et al.
- ISP-15- 6. Antenatal ultrasonography findings and magnetic resonance imaging in a case of Pena-Shokeir phenotype  
Xuan-Hong Tomai (University of Medicine and Pharmacy, Hochiminh City, Vietnam) et al.
- ISP-15- 7. The Simulated Transgender Patient Encounter : A Tool to Boost Provider Knowledge and Confidence  
Jennifer Villavicencio (Brown University, USA) et al.

13 : 15~15 : 15

**Group 16 Women's health care**

Moderator : Showa University Northern Yokohama Hospital Masaaki Nagatsuka

- ISP-16- 1. Long-term supplementation of young coconut juice does not prevent bone loss but alleviate body weight gain in ovariectomized rats  
Hiroshi Matsushita (Aichi Medical University) et al.
- ISP-16- 2. Effect of switching anti-resorptive agent during the treatment of postmenopausal osteoporosis—Minodronate is effective in patients who have lost response to raloxifene therapy  
Asuka Toda (Minoh City Hospital, Osaka University Hospital) et al.
- ISP-16- 3. Effects of Hyuganatsu orange extract containing drink on serum osteogenic parameter  
Masatoshi Yamaguchi (University of Miyazaki) et al.
- ISP-16- 4. Seasonal change of pelvic inflammatory disease (PID) in Kyoto  
Mari Minagawa (Kyoto Red Cross Hospital Daini) et al.
- ISP-16- 5. Toxic shock-like syndrome presented as pelvic inflammatory disease : A case report  
Masafumi Katakura (Toho University Omori Medical Center) et al.
- ISP-16- 6. A case of pregnancy complicated with cervical ulcer caused by group C streptococcal infection  
Soonna Yun (Japan Community Health Care Organization) et al.
- ISP-16- 7. Objective assessment of tension of a mesh during laparoscopic sacral colpopexy  
Yoshiyuki Okada (Showa University School of Medicine) et al.
- ISP-16- 8. Mid-term outcome after reconstructive surgery with anterior vaginal mesh and uterosacral ligament colpopexy for pelvic organ prolapse  
Akihiro Hamuro (Osaka City University) et al.
- ISP-16- 9. Validation of a augmented reality ultrasound app—UPPS (Ultrasound aPP Study)  
Florian Ebner (Ulm University, Germany) et al.
- ISP-16- 10. Contraceptive practice and behavior among women attending the family planning clinic at north okkalapa general and teaching hospital  
Wint Thida Htay (University of Medicine (2), Yangon, Myanmar) et al.
- ISP-16- 11. SR-16234, a selective estrogen receptor modulator, represses development of endometriosis-like lesions in murine model  
Khine Yin Mon (Tottori University Faculty of Medicine) et al.

## April 15 (Saturday)

### Invited Lecture 2

(Room 7 : RIHGA Royal Hotel Hiroshima 4F Royal Hall 1, 15 : 00~15 : 40)

Developing Academic Proficiency in Clinical Training

Chair : University of Oxford, United Kingdom

Richard Boyd

Speaker : University of Oxford, United Kingdom

Manu Vatish

### International Workshop for Junior Fellows

(Room 7 : RIHGA Royal Hotel Hiroshima 4F Royal Hall 1, 15 : 40~18 : 40)

Introduction

Director : Gifu University

Kenichiro Morishige

#### 1. Current status of gynecologic cancer screening

Chair : ACOG

Hal C. Lawrence III

The Jikei University

Aikou Okamoto

##### 1) The Current State of Gynecologic Cancer Screening in the United States

Speaker : ACOG

Megan Kennedy Burns

##### 2) Hypermethylation of the Single-minded homolog 1 (SIM1) as a novel biomarker for cervical cancer screening

Speaker : KSOG

Eun Ji Choi

##### 3) Current status of gynecologic cancer screening in Taiwan

Speaker : TAOG

Lin-Ying Su

##### 4) Current status of gynecologic cancer screening in Japan

Speaker : JSOG

Haruko Kunitomi

#### 2. Adaptation and prospects of Chinese medicine

Chair : TAOG

Ming-Chao Huang

Gifu University

Kenichiro Morishige

##### 1) The Role of Acupuncture and Acupressure in Modern Day Obstetrics

Speaker : ACOG

Amy Addante

##### 2) Efficacy and safety of Korean red ginseng in postmenopausal women

Speaker : KSOG

Jae Hoon Lee

##### 3) CHINESE MEDICINE AND MENOPAUSE : EFFECTS AND SAFETY

Speaker : TAOG

Loo Zixi

##### 4) Adaptation and prospects of Chinese medicine

Speaker : JSOG

Sayaka Tsuda

### 3. Management of labor, delivery and postpartum with midwife

Chair : KSOG  
University of Miyazaki

Suk-Joo Choi  
Hiroshi Sameshima

- 1) Management of labor, delivery and postpartum with Midwife  
Speaker : ACOG
- 2) Midwives in Korea ; in terms of doctor's role  
Speaker : KSOG
- 3) Management of labor, delivery and postpartum with midwife  
Speaker : TAOG
- 4) Management of labor, delivery and postpartum with midwife in Japan  
Speaker : JSOG

Michael MacKelvie

Ye Ji Lee

Wu-Chiao Hsieh

Ayaka Nakashima

### General Overview

Director : Osaka University

Tadashi Kimura

# International Session Workshop

## April 15 (Saturday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

8 : 30~10 : 00

### Group 8 Perinatology 2 Preterm delivery

Moderator : Juntendo University Urayasu Hospital Koyo Yoshida  
Kobe University Hideto Yamada

- IS-WS-8- 1. Prenatal multifaced control to prevent low birth weight : the RAINBOW Project  
Sakura Chiga (Kumamoto University) et al.
- IS-WS-8- 2. Progesterone inhibits preterm birth by suppressing the expression of contractile associated proteins and ion channels in mice with chronic dental *Porphyromonas gingivalis* infection  
Haruhisa Konishi (Hiroshima University) et al.
- IS-WS-8- 3. Metagenomic Analysis with Amniotic Fluid in Cases of Chorioamnionitis  
Daichi Urushiyama (Fukuoka University) et al.
- IS-WS-8- 4. Ultrasound Shear-Wave Elastography to evaluate the change of cervical stiffness in pregnancy  
Tetsuo Ono (Shiga University of Medical Science) et al.
- IS-WS-8- 5. Feasibility of Interval Cerclage in Preterm labor with Incompetent Internal Os of Cervix : Preliminary Study  
Jeongkyu Hoh (Hanyang University, Korea) et al.
- IS-WS-8- 6. Comparison between Nitroglycerin Dermal Patch and Nifedipine for Treatment of Preterm Labor, a randomized clinical trial  
Maryam Kashanian (Iran University of Medical Sciences, Iran) et al.

## April 15 (Saturday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

8 : 30~10 : 00

### Group 9 Oncology 3 Familial tumor/Others

Moderator : Kagoshima University Hiroaki Kobayashi  
China Medical University Hospital/TAOG, Taiwan Wei-Chun Chang

- IS-WS-9- 1. mRNA splicing is novel homologous recombination regulator  
Michihiro Tanikawa (Faculty of Medicine, The University of Tokyo) et al.

- IS-WS-9- 2. Surgeon's role about genetic screening among endometrial cancer with regard to Lynch syndrome  
Min Kyu Kim (Sungkyunkwan University of Medicine, Samsung Changwon Hospital, Korea) et al.
- IS-WS-9- 3. Novel strategy to overcome platinum resistance in leiomyosarcoma (LMS) ; blocking ATP7B by copper ion  
Mamoru Kakuda (Osaka University) et al.
- IS-WS-9- 4. Comparison of relapse-rates and survival after sentinel node biopsy or inguinofemoral lymphadenectomy in patients with node-negative vulvar cancer  
Fabienne Schochter (Ulm University, Germany) et al.
- IS-WS-9- 5. Current knowledge and attitudes on HPV prevention among Japanese : A large-scale questionnaire  
Yukio Suzuki (Yokohama City University Graduate School of Medicine) et al.
- IS-WS-9- 6. Scientific data and Medical Evidence of Lymphatic Surgery for Lymphedema patients after gynecological cancer treatment  
Mihara Makoto (Saiseikai Kawaguchi General Hospital) et al.

## April 15 (Saturday) Room 9

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 3

8 : 30~9 : 45

### Group 10 Reproduction 3 Reproductive Physiology/Others

Moderator : University of Yamanashi Shuji Hirata  
Asahikawa Medical University Kazuo Sengoku

- IS-WS-10- 1. Tumor suppressor p53 impairs cumulus cell-oocyte complex expansion and ovulation  
Hirofumi Haraguchi (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-10- 2. DNA methylation and its transcriptional regulation of preimplantation mouse blastocyst in the process of blastocyst activation  
Daiki Hiratsuka (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-10- 3. CRISPR/Cas9-mediated gene disruption on Y chromosome  
Takashi Nakasuji (Tokyo Medical and Dental University) et al.
- IS-WS-10- 4. The effects of chronic testosterone administration on body weight, appetite, and adipose tissue differ widely according to the estrogen milieu  
Takeshi Iwasa (The University of Tokushima Graduate School, Institute of Health Biosciences) et al.
- IS-WS-10- 5. Investigation of Novel Genetic Candidates Causing Recurrent Abortions in Japanese Women Using Whole-Genome Single Nucleotide Polymorphism Arrays  
Taisuke Sato (National Research Institute for Child Health and Development) et al.

## April 15 (Saturday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

15 : 00~16 : 00

### Group 11 Perinatology 3 Pregnancy with medical complications

Moderator : Kasukabe Medical Center Tatsuo Yamamoto  
Fu Jen University Clinic/TAOG, Taiwan Ching-Hung Hsieh

- IS-WS-11- 1. Analysis of maternal death autopsies in Japan  
Junichi Hasegawa (St. Marianna University School of Medicine) et al.
- IS-WS-11- 2. A prospective study of maternal toxoplasma screening with use of IgG avidity and PCR method  
Ryosuke Takahashi (Kobe University) et al.
- IS-WS-11- 3. Perinatal outcomes in women with systemic lupus erythematosus  
Eun Seok Seo (Gachon University, Korea) et al.
- IS-WS-11- 4. Cesarean scar defect (Niche) : Prevalence and best diagnostic tools at an Egyptian University hospital  
Fady Moiety (Alexandria University, Egypt) et al.

## April 15 (Saturday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

15 : 00~16 : 15

### Group 12 Social problems

Moderator : Kitasato University School of Medicine Nobuya Unno  
Nippon Medical School Tama Nagayama Hospital Akihito Nakai

- IS-WS-12- 1. The Great East Japan Earthquake and following big tsunami impacted mental condition of pregnant women in the seriously affected area, Miyagi : The Japan Environment and Children's Study  
Zen Watanabe (Tohoku University) et al.
- IS-WS-12- 2. Development of "Disaster Liaison in Pediatrics and Perinatal Medicine (DLPPM)"  
Nobuya Unno (Kitasato University) et al.
- IS-WS-12- 3. Assessment of the effectiveness of Tertiary Hospital-Recognized Partnership (THRP) program, a Public-Private Partnership program on Service Delivery Network (SDN) as an intervention to reduce Maternal and Neonatal Mortality  
Joanna Marie Paulino-Morente (Quirino Memorial Medical Center, Philippines) et al.
- IS-WS-12- 4. Horizontal transmission of HTLV-1 in Japanese reproductive-aged women  
Naoki Fuchi (Nagasaki University) et al.

- IS-WS-12- 5. Prevalence of repeat pregnancies among adolescent mothers at Siriraj Hospital  
Kanokwaroon Watananirun (Faculty of Medicine Siriraj Hospital, Mahidol  
University, Thailand) et al.

## April 15 (Saturday) Room 2

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Judo 1st)

16 : 00~17 : 30

### Group 13 Perinatology 4 Fetal physiology/FGR

Moderator : Tokyo Medical University Keiichi Isaka  
Jichi Medical University Shigeki Matsubara

- IS-WS-13- 1. Relation between CHOP score and each parameter of fetal cardiac function in twin-to-twin transfusion syndrome and selective intrauterine growth restriction  
Katsusuke Ozawa (National Center for Child Health and Development) et al.
- IS-WS-13- 2. Atmospheric pressure plasma irradiation promotes axonal growth in neonatal rat organ co-cultures  
Shiori Shinagawa (Hiroshima University) et al.
- IS-WS-13- 3. Fetal heart rate variability in preterm fetal sheep with lipopolysaccharide-induced endotoxemia  
Hyo Kyozyuka (Fukushima Medical University) et al.
- IS-WS-13- 4. Impact of degree of right ventricular outflow tract obstruction on cerebrovascular resistance in tetralogy of Fallot  
Mitsuhiro Tsuritani (National Cerebral and Cardiovascular Center) et al.
- IS-WS-13- 5. Determination of Fetal Gestational Age by Ultrasonographic Measurement of Fetal Humeral Length among Patients Seen at a Tertiary Government Hospital : A Preliminary Study  
Leslie Barba (Amang Rodriguez Memorial Medical Center, Philippines) et al.
- IS-WS-13- 6. Factors affecting the Quality of Nuchal Translucency Measurements  
Nalat Sompagdee (Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand) et al.

## April 15 (Saturday) Room 3

Hiroshima Prefectural Sports Center (Green Arena) B1F : Martial Arts Arena (Kendo 1st)

16 : 15~17 : 30

### Group 14 Oncology 4 Endometrial cancer

Moderator : Osaka Medical College Masahide Oomichi  
Kindai University Masaki Mandai

- IS-WS-14- 1. Genome-wide DNA methylation sequencing showing that miR-663a is a novel epimutation candidate in endometrial cancer with CpG island methylator phenotype-high  
Megumi Yanokura (Keio University) et al.
- IS-WS-14- 2. The MIR130 families suppress epithelial-to-mesenchymal transition of uterine endometrial cancer cells by inhibiting the expression of BHLHE40 and BHLHE41  
Kazuo Asanoma (Kyushu University) et al.
- IS-WS-14- 3. The recurrence prediction score for predicting the baseline risk of recurrence of stage I-II endometrial carcinoma  
Kenta Takahashi (National Cancer Center Hospital) et al.
- IS-WS-14- 4. Clinicopathologic analysis of synchronous ovarian malignancy in young women with endometrial cancer  
Mika Sakai (National Hospital Organization Shikoku Cancer Center) et al.
- IS-WS-14- 5. Oncogenic histone methyltransferase EZH2 : A novel prognostic marker and therapeutic target in endometrial cancer  
Shinya Oki (Graduate School of Medicine, The University of Tokyo) et al.

## April 15 (Saturday) Room 9

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 3

16 : 10~17 : 40

### Group 15 Women's health care

Moderator : National Defense Medical College Kenichi Furuya  
Mackay Memorial Hospital/TAOG, Taiwan Tsung-Hsien Su

- IS-WS-15- 1. *In vitro* characteristics of intravaginal *Lactobacilli*  
Kazuaki Yoshimura (Wakamatsu Hospital of University of Occupational and Environmental Health) et al.
- IS-WS-15- 2. Estrogen enhances endothelial differentiation and angiogenic activity in rat adipose-derived stromal cells  
Hsin-Ju Chiang (Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan) et al.

- IS-WS-15- 3. Eldecacitol increases the bone mass in patients with Turner syndrome whose bone mass acquisition is insufficient even after estrogen replacement therapy  
Taku Tsuburai (Yokohama City University) et al.
- IS-WS-15- 4. High intake of sucrose is associated with anxiety and depression in Japanese middle-aged women  
Asuka Hirose (Tokyo Medical and Dental University) et al.
- IS-WS-15- 5. A new protocol for reducing lower urinary tract symptoms after anterior transvaginal mesh surgery for pelvic organ prolapse  
Kaori Hoshino (Wakamatsu Hospital of University of Occupational and Environmental Health) et al.
- IS-WS-15- 6. Comparisons of clinical outcomes and urodynamic effects in female overactive bladder patients after 3-month versus 6-month solifenacin treatment :  
A randomized prospective study  
Ho-Hsiung Lin (National Taiwan University Hospital, Taipei, Taiwan) et al.

# International Session Poster

## April 15 (Saturday) Poster Session 1

Hiroshima Prefectural Sports Center (Green Arena) B1F : Main Arena

13 : 15~13 : 55

### Group 17 Candidates for ACOG-1

Moderator : The Jikei University School of Medicine Nozomu Yanaihara

- ISP-17- 1. Acetic acid-induced tumor cell death in cervical cancer cells : Does acetic acid have potential antitumor effect?  
Madoka Matsuya (Hamamatsu University School of Medicine) et al.
- ISP-17- 2. HER-2 expression in Gastric type adenocarcinoma of the uterine cervix.  
Ayano Holmes (Kyoto University Hospital) et al.
- ISP-17- 3. Clonal composition and copy number variation of epithelial ovarian cancer  
Hisamitsu Takaya (Kindai University) et al.
- ISP-17- 4. The establishment of patient-derived-xenograft (PDX) model of malignant transformation of mature cystic teratoma which will contribute to novel clinical management  
Satoshi Tamauchi (Nagoya University, School of Medicine) et al.
- ISP-17- 5. Comparison in outcome of laparoscopic surgical treatment for Mayer-Rokitansky-Küster-Hauser syndrome  
Keiko Tanaka (Tohoku University Hospital) et al.

13 : 55~14 : 35

### Group 18 Candidates for ACOG-2

Moderator : Tohoku University Graduate School of Medicine Hidekazu Nishigori

- ISP-18- 1. Obstetric application of ultrasound elastography as a novel tool for assessing placental health  
Nanae Tsuchida (Tokyo Medical University) et al.
- ISP-18- 2. Measurement of PlGF, sFlt-1, sFlt-1/PlGF ratio, and sEndoglin at the 2nd trimester is useful for predicting pregnant women with fetal growth restriction (FGR) who will subsequently develop preeclampsia (PE)  
Sakiko Nanjyou (Wakayama Medical University) et al.
- ISP-18- 3. The utility of fetal E/e' ratio by Dual gate Doppler method in the cases complicated with Twin-to-Twin Transfusion Syndrome and selective IUGR  
Mayumi Takano (Toho University) et al.
- ISP-18- 4. A case of endometriosis under treatment with dienogest complicated suddenly with acute myelocytic leukemia  
Mari Hirano (Ehime Rosai Hospital) et al.

- ISP-18- 5. Introduction of cine MRI for the evaluation of pelvic organ prolapse  
 Mana Hirano (Graduate School of Medicine, The University of Tokyo) et al.

13 : 15~13 : 55

**Group 19 Candidates for JKT**

Moderator : Nagoya University, School of Medicine Hiroaki Kajiyama

- ISP-19- 1. Significance of p53-binding protein 1 nuclear foci in cervical intraepithelial neoplasm : endogenous DNA double strand breaks and genomic instability during carcinogenesis  
 Sayaka Kawashita (Nagasaki University School of Medicine) et al.
- ISP-19- 2. Clinicopathological significance of p53 mutation in endometrial cancer  
 Ranka Kanda (Teikyo University) et al.
- ISP-19- 3. Characteristics of recurrence during bevacizumab treatment in ovarian carcinomas  
 Tomoko Kashiya (Faculty of Medicine, The University of Tokyo) et al.
- ISP-19- 4. Recurrence of uterine myoma after Laparoscopic Myomectomy and Abdominal Myomectomy  
 Mamoru Shigeta (Kindai University) et al.
- ISP-19- 5. Decreased expression of indoleamine 2, 3-dioxygenase in villous stromal endothelial cells of placentas with preeclampsia  
 Naoyuki Iwahashi (Wakayama Medical University) et al.

13 : 15~15 : 15

**Group 20 Cervical cancer/CIN-3**

Moderator : Jichi Medical University, Saitama Medical Center Ryo Konno

- ISP-20- 1. Clinic-pathological Features and Prognosis of Cervical Cancer in Adolescents and Young Adults  
 Noriko Yamaguchi (Sasaki Foundation Kyoundo Hospital) et al.
- ISP-20- 2. Effect of postoperative enoxaparin sodium injection on the prevention of deep vein venous thrombosis in cervical cancer : Analysis of a single-center cohort study of 3333 patients  
 Yoichi Aoki (Cancer Institute Hospital) et al.
- ISP-20- 3. Analysis of recurrence after conization in patients with uterine cervical lesions  
 Hidenori Sasa (National Defense Medical College) et al.
- ISP-20- 4. Does prophylactic irradiation to para-aortic lymph node lead to the positive effects for uterine cervical cancer? : a retrospective propensity score adjusted study  
 Kosuke Yoshida (Nagoya University) et al.
- ISP-20- 5. Risk stratification in patients with stage IB-IIA cervical cancer without any of parametrial invasion or pelvic lymph node metastases after radical hysterectomy  
 Shunichi Ikeda (National Cancer Center Hospital) et al.

- ISP-20- 6. Retrospective analysis of the perioperative outcome of the laparoscopic radical hysterectomy  
Eiji Kobayashi (Osaka University) et al.
- ISP-20- 7. Solitary adrenal metastasis derived from small cell carcinoma of the uterine cervix  
Yosuke Kawai (Toyohashi Municipal Hospital) et al.
- ISP-20- 8. A case of spontaneous pregnancy after abdominal radical trachelectomy and adjuvant chemotherapy for stage IB1 cervical cancer  
Hiroko Fukuoka (Japan Community Healthcare Organization Osaka Hospital) et al.
- ISP-20- 9. Clinical application of photoacoustic imaging for uterine cervical lesion : a preliminary report  
Kiguna Sei (National Defense Medical College) et al.
- ISP-20- 10. Leukocytosis and thrombocytosis at the first diagnosis predicts clinical outcome in uterine cervical cancer patients  
Yoshiya Miyahara (Kobe University) et al.
- ISP-20- 11. To increase the populations participation in uterine cervical cancer screening process—Uterine cervical cancer screening at the physical checkup of the company—  
Yusuke Matsuura (University of Occupational and Environmental Health) et al.
- ISP-20- 12. Multi-institutional survey of QOL after treatment for uterine cervical cancer—Comparison between radical radiotherapy and surgery—  
Yuko Kaneyasu (National Hospital Organization Fukuyama Medical Center) et al.
- ISP-20- 13. Teaching on the run training program for post-graduate-first-year residents effectively improves accuracy and quality of Papanicolaou smears  
Shih-Chieh Liu (Kaohsiung Chang Gung Memorial Hospital, Taiwan) et al.

13 : 15~15 : 15

**Group 21 Ovarian/Tubal cancer-5**

Moderator : The Cancer Institute Hospital of JFCR Nobuhiro Takeshima

- ISP-21- 1. Retrospective study on ovarian cancer treatment for the patients older than 80 years  
Takafumi Ujihira (Juntendo University) et al.
- ISP-21- 2. Efficacy of Secondary Debulking Surgery for Multiply Relapsing Ovarian Cancer : single institute retrospective review of eight cases  
Taito Miyamoto (Kyoto University Hospital) et al.
- ISP-21- 3. Evaluation of weekly paclitaxel and carboplatin therapy in primary ovarian and peritoneal cancer  
Aiko Nagumo (Faculty of Medicine, The University of Tokyo) et al.

- ISP-21- 4. Clinical outcome after fertility-sparing surgery for patients with epithelial ovarian cancer  
Kazunari Fujino (Juntendo University) et al.
- ISP-21- 5. Nogitecan for recurrent ovarian/peritoneal carcinomas : a preliminary result of 21 cases  
Masashi Takano (Department of Clinical Oncology, National Defense Medical College Hospital) et al.
- ISP-21- 6. Improvement of Surgical Cytoreduction in Advanced Ovarian Cancer Through Combined Neoadjuvant Chemotherapy and Interval Debulking Surgery  
Mitsuhiro Nakamura (Kyoto University) et al.
- ISP-21- 7. Bevacizumab is safe in appropriately selected and managed patients with recurrent ovarian cancer : a multicenter prospective observational study  
Tatsuya Matsunaga (Yokohama City University Hospital) et al.
- ISP-21- 8. Safety and Efficacy of Gemcitabine plus Carboplatin with or without Bevacizumab in Patients with Platinum-Resistant/Refractory Epithelial Ovarian, Primary Peritoneal, or Fallopian Tube Cancer  
Hiroki Nasu (Kurume University Hospital) et al.

13 : 15~15 : 15

**Group 22 Ovarian/Tubal cancer-6**

Moderator : Tokyo Medical University Fumitoshi Terauchi

- ISP-22- 1. Efficacy of combination chemotherapy with topotecan plus bevacizumab for patients with platinum-resistant first recurrent ovarian cancer  
Tetsuya Kokabu (Kyoto Prefectural University of Medicine) et al.
- ISP-22- 2. Trousseau's syndrome in association with ovarian clear cell carcinoma  
Kentaro Kai (Nakatsu Municipal Hospital) et al.
- ISP-22- 3. Ovarian high grade serous carcinoma initially presenting as axillary lymphadenopathy  
Kazuya Oonuma (Shonan Kamakura General Hospital) et al.
- ISP-22- 4. Alpha-fetoprotein (AFP) produced by ovarian adenocarcinoma : a report of two cases  
Rei Gou (University of Yamanashi) et al.
- ISP-22- 5. Ovarian mucinous carcinoma with mural carcinosarcomatous components in a premenarchal girl  
Kayo Suzuki (Dokkyo Medical University Koshigaya Hospital) et al.
- ISP-22- 6. Hypercalcemia induced by ovarian clear cell carcinoma ; a case report  
Ryosuke Tajiri (University of Occupational and Environmental Health) et al.
- ISP-22- 7. Neoadjuvant chemotherapy in primary gynecologic cancers : timing of interval debulking following dose-dense versus traditional paclitaxel dosing regimens  
Megan Kennedy Burns (TriHealth, USA) et al.

- ISP-22- 8. Morbidity, mortality and survival in patients with bowel resection in advanced epithelial ovarian cancer and complete cytoreduction  
Mignon-Denise Keyver-Paik (Universtiy Womens Hospital Bonn, Germany) et al.

13 : 15~15 : 15

**Group 23 Uterine leiomyoma/Endometriosis-2**

Moderator : Oita University Kaei Nasu

- ISP-23- 1. A case of disseminated peritoneal leiomyomatosis, occurring after laparoscopic myomectomy with morcellation device.  
Yusuke Inomata (Kyushu University) et al.
- ISP-23- 2. Fertility and Perinatal Outcomes following Laparoscopic Myomectomy for Infertile Women : Changes over the Last Decade with Growing Surgical Indication  
Keisuke Murakami (Juntendo University) et al.
- ISP-23- 3. Analysis of pregnancy following laparoscopic or abdominal myomectomy  
Sachiko Morioka (Nara Medical University) et al.
- ISP-23- 4. Risk factors for recurrence after laparoscopic cystectomy in women with ovarian endometriomas  
Riho Fukutani (Showa University) et al.
- ISP-23- 5. Long-term prognosis of ovarian reserve after laparoscopic cystectomy for ovarian endometrioma  
Rie Ozaki (Juntendo University Faculty of Medicine) et al.
- ISP-23- 6. What is the best medication to prevent post-operative recurrence of endometrioma in the long term?  
Yoshiaki Oota (Kurashiki Medical Center) et al.
- ISP-23- 7. Usefulness of complete resection of bladder endometriotic lesions by laparoscopic surgery to obtain fertility  
Takehiro Nakao (Nihon University School of Medicine) et al.
- ISP-23- 8. Resection of deep infiltrating endometriosis and continuous hormonal therapy is effective to reduce dysmenorrhea  
Takeshi Kato (Tokushima University) et al.
- ISP-23- 9. Treatment outcomes of uterine artery embolization with embosphere for symptomatic uterine fibroids : a single-center experience  
Masaki Koubayashi (Osaka University Hospital) et al.
- ISP-23- 10. The comparison of continuation rate of low dose estrogen-progestin (LEP) and dienogest in women with endometriosis  
Michio Kitajima (Nagasaki University Hospital) et al.
- ISP-23- 11. The success rate of GnRH agonist for small recurrent endometrioma  
Oh Sung-Tack (Chonnam National University Medical School, Korea)

13 : 15~15 : 15

**Group 24 Other malignant or benign tumor-1**

Moderator : Saga University Masatoshi Yokoyama

- ISP-24- 1. Stepwise increase of MIB-1 index in frequently relapsed malignant peritoneal mesothelioma  
Ryosuke Saito (The Jikei University School of Medicine) et al.
- ISP-24- 2. Retrospective analysis of 16 cases of uterine sarcoma  
Kengo Nakashima (Yamaguchi University Graduate School of Medicine) et al.
- ISP-24- 3. Investigation of patients with uterine leiomyosarcoma or high-grade endometrial stromal sarcoma treated at our institution  
Seiji Kagami (University of Occupational and Environmental Health) et al.
- ISP-24- 4. Clinical Outcome of Malignant Melanoma Arising from the Female Genital Tract : a single institute retrospective review of ten cases  
Yoshimi Kitawaki (Kyoto University) et al.
- ISP-24- 5. Large cell neuroendocrine carcinoma of vulva : a case report  
Yu Kanzaki (Japanese Red Cross Wakayama Medical Center) et al.
- ISP-24- 6. Giant polyp of the uterine cervix : a case report  
Yasunori Sato (Nasu Red Cross Hospital) et al.
- ISP-24- 7. A case of benign multicystic peritoneal mesothelioma  
Hana Oda (Dokkyo Medical University) et al.
- ISP-24- 8. A case of life-threatening pulmonary embolism after the removal of huge pelvic tumor successfully treated with multidisciplinary therapy  
Noriko Karakida (Kagoshima Medical Center) et al.
- ISP-24- 9. Onset of Adult T-cell Leukemia-lymphoma during the treatment of peritoneal cancer recurrence: case report  
Hiroshi Kaneda (Juntendo University Shizuoka Hospital) et al.
- ISP-24- 10. Lobular endocervical glandular hyperplasia presenting as a large and protruded unilocular cyst outside uterine cervix : Proposal for a new terminology of cystic loblar endocervical glandular hyperplasia  
Maki Kusunoki (Kumamoto University) et al.
- ISP-24- 11. Clinical outcomes and prognostic factors in 55 patients with uterine sarcoma at a single institution  
Seok Mo Kim (Chonnam National University, Korea)

13 : 15~15 : 15

**Group 25 Surgery/Endoscopic surgery-1**

Moderator : Teikyo University Chiba Medical Center Shan-Guong Liang

- ISP-25- 1. TME-like surgery by vaginal endoscopy in retrograde radical hysterectomy  
Masato Kita (Kansai Medical University) et al.

- ISP-25- 2. Easy and effective cystoscopy for gynecologists using a 5mm laparoscope with a Nelaton catheter  
Miyako Sakanaka (National Hospital Organization, Kasumigaura Medical Center) et al.
- ISP-25- 3. Laparoscopic approach of ovarian masses during pregnancy  
Kana Kasai (Tokushima University) et al.
- ISP-25- 4. The estimate of the uterine weight via MRI measurement  
Hiroshi Kuroda (The Jikei University School of Medicine) et al.
- ISP-25- 5. Usefulness of preoperative ultrasonography of umbilical site before first trocar insertion in gynecologic laparoscopic surgeries  
Kazuaki Nishimura (Wakamatsu Hospital of the University of Occupational and Environmental Health) et al.
- ISP-25- 6. Surgical site infection due to obesity after obstetric/gynecologic surgical procedure : case report and review of a retrospective series of an institution  
Takako Shimada (Nagasaki University Graduate School of Biomedical Sciences) et al.
- ISP-25- 7. A diagnostically challenging case of uterine cervical diverticulum mimicking a rudimentary communicating horn of a unicornuate uterus  
Naho Umezawa (Japan Community Healthcare Organization Osaka Hospital) et al.
- ISP-25- 8. Ipsilateral interstitial pregnancy after salpingectomy : two case report  
Toru Kobayashi (Juntendo University Hospital) et al.
- ISP-25- 9. One case that we performed total laparoscopic hysterectomy (TLH) for uterine myoma, and caused rectal insertion of a vaginal delineator tube  
Kazutaka Kuramoto (Kyushu University) et al.

13 : 15~15 : 15

**Group 26 Surgery/Endoscopic surgery-2**

Moderator : Kansai Medical University Masato Kita

- ISP-26- 1. Six cases of emergency cesarean hysterectomy in which electrothermal bipolar vessel sealing system was used  
Asako Kumagai (Juntendo University, Shizuoka Hospital) et al.
- ISP-26- 2. Clinical and histopathological study on genital acquired lymphangiectasia accompanied by lower limb lymphedema secondary to gynecologic cancer  
Hisako Hara (Saiseikai Kawaguchi General Hospital) et al.
- ISP-26- 3. Gasless single-port laparoscopic-assisted vaginal hysterectomy for large uteri weighing 500g or more  
Shiori Tsuge (Gifu Prefectural Tajimi Hospital) et al.
- ISP-26- 4. Comparison between single-port and two-port for the laparoscopic surgery of adnexal masses : Review of a single institution  
Heng-Cheng Hsu (College of Medicine, National Taiwan University, Taiwan) et al.

- ISP-26- 5. Blood transfusion in elective abdominal gynecologic surgery  
Dittakarn Boriboonhirunsarn (Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand) et al.
- ISP-26- 6. Comparison of the Outcome with Robotic-Assisted Laparoscopic Myomectomy and Laparoscopic Myomectomy  
Li Yun Chou (Taiwan Adventist Hospital, Taiwan) et al.
- ISP-26- 7. LAPAROSCOPIC SURGERY IN WOMEN WITH ACUTE ABDOMEN PAIN  
Jyoti Chaubey (St. Jude's Hospital, India) et al.
- ISP-26- 8. New application of PlasmaKinetics Sealer in vaginal routes during laparoscopic-assisted surgeries for benign and malignant gynecologic disease : Better choice?  
Yi-An Tu (National Taiwan University Hospital, Taiwan) et al.

13 : 15~15 : 15

**Group 27 Infertility/ART-1**

Moderator : Tokyo Metropolitan Bokutoh Hospital Koji Kugu

- ISP-27- 1. Strategy for repeated assisted reproductive technology failures associated with hydrosalpinx  
Shozo Kurotsuchi (Tokoname City Hospital)
- ISP-27- 2. Analysis of endoscopic surgery-assisted reproductive technology hybrid therapy for infertile women of late reproductive age or diminished ovarian reserve with uterine tumour  
Keiji Kuroda (Juntendo University Faculty of Medicine) et al.
- ISP-27- 3. Negative impact of adenomyosis on blood level of AMH  
Tomoki Tanaka (The University of Tokyo) et al.
- ISP-27- 4. Nationwide survey on attitude toward social egg freezing : social influence on women's empowerment and increase in the average age of childbirth  
Mikiya Nakatsuka (Okayama University)
- ISP-27- 5. Japanese semen donor perspective for knowing rights of DI offspring  
Tomomi Kutsuna (Tokyo Medical University) et al.
- ISP-27- 6. Comparison of the effectiveness of clomiphene citrate versus letrozole for mild IVF in poor responders  
Akiko Takashima (Toho University Medical Center Sakura Hospital) et al.
- ISP-27- 7. In vitro maturation of immature human oocytes retrieved from non-stimulated ovaries resected from patients with gynecologic cancer and from intraoperative non-stimulated ovaries in patients undergoing surgery for non-cancer indications  
Hiromitsu Shirasawa (Akita University) et al.
- ISP-27- 8. Serum progesterone level in the early pregnancy after the frozen embryo transfer  
Yuri Yamamoto (Tokushima University) et al.

13 : 15~15 : 15

**Group 28 Infertility/ART-2**

Moderator : Tokyo Medical University Naoaki Kuji

- ISP-28- 1. Comparison of reproductive outcome in azoospermic men undergoing intracytoplasmic sperm injection with epididymal and testicular sperm  
Ryota Suganuma (Fukushima Medical University) et al.
- ISP-28- 2. Limited benefit of electing to freeze all embryos for later transfer in the time-lapse confirmed single embryo transfer program  
Hisao Ando (Toyohashi Municipal Hospital) et al.
- ISP-28- 3. Childhood growth and development at 6 years of age among children born from infertility treatments  
Yasufumi Ooishi (Tokyo Medical University) et al.
- ISP-28- 4. Spontaneous/mild ovarian stimulation for *in vitro* fertilization after fertility-preserving treatment for patients with endometrial cancer  
Yoshimasa Kawarai (Chiba University) et al.
- ISP-28- 5. Comparison of estrogen profiles among different controlled ovarian hyper-stimulations during IVF treatment revealed that excess E<sub>2</sub> level alone could not be predictive for IVF failure  
Jun Kawagoe (Yamagata University, School of Medicine) et al.
- ISP-28- 6. The occurrence of multinucleated embryos after intra-cytoplasmic sperm injection (ICSI) treatment may be prevented by the administration of prednisolone  
Sagiri Taguchi (Oak Clinic) et al.
- ISP-28- 7. Monozygotic pregnancy after single blastocyst transfer  
Yuko Ikemoto (Juntendo University) et al.
- ISP-28- 8. Infertility and associated abdominal tuberculosis a major cause in developing countries  
Sanjay Chaubey (Division of MAS, St. Jude's Hospital, India) et al.

13 : 15~15 : 15

**Group 29 High risk/Abnormal pregnancy**

Moderator : Wakayama Medical University Sawako Minami

- ISP-29- 1. Screening for thanatophoric dysplasia with sonographic determination of the biparietal diameter-to-femur length ratio  
Liangcheng Wang (Center for Maternal, Fetal and Neonatal Medicine, Saitama Medical Center, Saitama Medical University) et al.
- ISP-29- 2. Risk factors of recurrent placental abruption (PA)  
Natsuki Nagashima (The University of Tokyo Hospital) et al.
- ISP-29- 3. Obstetric outcome of Jehovah's Witnesses : a single-institution experience  
Mie Tanaka (Osaka University) et al.

- ISP-29- 4. Comparison of non-invasive prenatal testing related data from one institution in Tokyo with national data in Japan  
Madoka Horiya (The Jikei University School of Medicine) et al.
- ISP-29- 5. The obstetrical outcome of over 40-years-old dichorionic diamniotic twin pregnant women after oocyte donation  
Chuyu Hayashi (Nihon University) et al.
- ISP-29- 6. Placenta accreta is common condition in women aged over 45 years who conceived by in vitro fertilization  
Etsuko Kajimoto (Osaka University) et al.
- ISP-29- 7. The perinatal outcomes of pregnancy in women with heart disease in our hospital and towards the future.  
Jota Maki (Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences) et al.
- ISP-29- 8. Usefulness of fetal cardiac assessment for management of monochorionic-diamniotic twin pregnancies  
Yasuhiro Utsuno (Hokkaido P.W.F.A.C. Asahikawa-Kosei General Hospital) et al.
- ISP-29- 9. Hemostatic effect of Bakri balloon for primary postpartum hemorrhage : Single institute's experience of 75 patients  
Manabu Ogoyama (Jichi Medical University) et al.
- ISP-29- 10. Incidence and risk factors for postpartum hemorrhage among transvaginal delivery at tertiary perinatal medical facility in Japan  
Tatsuya Fukami (ASO Iizuka Hospital) et al.
- ISP-29- 11. Uterine necrosis after uterine artery embolization  
Yasuko Sano (Juntendo University) et al.
- ISP-29- 12. SPONTANEOUS RUPTURE OF UTERINE ARTERY IN PREGNANCY : A CASE REPORT  
Michelle Malabanan (St. Luke's Medical Center, Philippines) et al.
- ISP-29- 13. CHALLENGES IN REDUCING HIV/AIDS IN JAPAN  
Mohamed Najimudeen (Melaka Manipal Medical College, Malaysia) et al.

13 : 15~15 : 15

**Group 30 Preterm delivery**

Moderator : Jichi Medical University, Saitama Medical Center Kenjiro Takagi

- ISP-30- 1. 18-HEPE and resolvin E3, metabolic substances of eicosapentaenoic acid, prevent LPS-induced preterm birth through inhibition of proinflammatory cytokines in the uteroplacental unit  
Eri Inoue (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-30- 2. Retrospective study of pregnant women complicated with prior preterm birth  
Kazufumi Haino (Niigata University Medical and Dental Hospital) et al.
- ISP-30- 3. Clinical feature of pregnancy following cervical conization  
Hiroshi Kawamura (Fukui University) et al.

- ISP-30- 4. The presence of pPROM and delivery before 29 weeks of gestation were independent risk for poor perinatal outcome in preterm labor patients with and without pPROM before 31 weeks of gestation  
Noriko Yoneda (University of Toyama) et al.
- ISP-30- 5. Vaginal *Ureaplasma* species coexist with *Lactobacillus iners* in women with spontaneous preterm labor  
Yuko Matsuda (Juntendo University Nerima Hospital) et al.
- ISP-30- 6. Progesterone prevents preterm birth by inhibition of uterine contractions in mice with chronic dental *Porphyromonas gingivalis* infection  
Satoshi Urabe (Hiroshima University) et al.
- ISP-30- 7. Clinical significance of inflammatory biomarkers in the amniotic fluid for evaluation of chorioamnionitis  
Sota Takahashi (Tohoku University Hospital) et al.
- ISP-30- 8. Dental infection of *Porphyromonas gingivalis* induces preterm birth through Galectin-3  
Mutsumi Miyauchi (Department of Oral and Maxillofacial Pathobiology, Hiroshima University) et al.
- ISP-30- 9. Management of Premature Preterm Rupture of the Membranes between 28 and 34 weeks and perinatal outcomes  
Yuto Maeda (Kobe City Medical Center General Hospital) et al.
- ISP-30- 10. Longitudinal Lifestyle Monitoring Reveals Associations between Series of Lifelogs and Preterm Birth  
Daisuke Ochi (NTT DOCOMO, INC. / Tohoku University) et al.
- ISP-30- 11. Glucocorticoid can weaken fetal membranes in pregnant mice  
Hikaru Kiyokawa (Kyoto University Graduate School of Medicine) et al.
- ISP-30- 12. Pregnancy and neonatal outcomes of Group B Streptococcus agalactiae (GBS) infection in preterm birth  
Yae Heun Lee (College of Medicine, Gachon University, Korea) et al.

13 : 15 ~ 15 : 15

**Group 31 PIH**

**Moderator : Tohoku University Jyunichi Sugawara**

- ISP-31- 1. LPAR3 signaling is possibly involved in the clearance of oxidative stress in preeclamptic placenta  
Tatsuya Fujii (The University of Tokyo) et al.
- ISP-31- 2. Metformin attenuates Endoplasmic Reticulum stress and induces up-regulation of PIGF mRNA in human villous-like trophoblastic BeWo cells  
Masahiro Suzuki (Sapporo Medical University) et al.
- ISP-31- 3. Prediction of PIH using CAVI (Cardio Ankle Vascular Index)  
Masako Sawada (Nagoya University) et al.

- ISP-31- 4. Circulating levels of chromosome 19 miRNA cluster microRNAs in pregnant women with pre-clampcia, gestational hypertension and chronic hypertension  
Yuko Murakami (Nagasaki University Graduate School of Biomedical Sciences) et al.
- ISP-31- 5. Change in microRNA expression in preeclamptic maternal blood : Sixty such microRNA detected by microarray analysis (3D-Gene chip) with global normalization  
Hironori Takahashi (Jichi Medical University) et al.
- ISP-31- 6. Usefulness of the urinary L-FABP diagnoses acute kidney injury in preeclampsia  
Atsushi Tajima (Juntendo University Urayasu Hospital) et al.
- ISP-31- 7. Biomarker Discovery for Preeclampsia by Newly Established Global Metabolomic Technology  
Yasuhiro Kurosawa (Tohoku University) et al.
- ISP-31- 8. Quantitative analyses for the serum peptides and their clinical utility for pregnancy induced hypertension  
Kensuke Hamamura (Juntendo University Hospital) et al.
- ISP-31- 9. Impaired autophagy and transthyretin protein aggregation in preeclampsia  
Akitoshi Nakashima (University of Toyama) et al.
- ISP-31- 10. Analysis of Temporal and longitudinal life-logs to predict pregnancy induced hypertension  
Takafumi Yamauchi (NTT DOCOMO, INC. / Tohoku University) et al.

13 : 15~15 : 15

**Group 32 Management of delivery-1**

Moderator : Kagawa University Hirokazu Tanaka

- ISP-32- 1. Labor progression analysis based on “angle of progression” in perineal ultrasound  
Naoya Akiba (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-32- 2. Relation between level of edema and light scattering signal for the brain in a hypoxic ischemic encephalopathy model rat  
Sakiko Kinoshita (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-32- 3. Clinical parameters at 20 weeks of gestation associated with successful rate of spontaneous vaginal delivery  
Tomona Fujikawa (Faculty of Medicine, The University of Tokyo) et al.
- ISP-32- 4. A study to define “the appropriate limit” for second stage of labor with anesthetic care  
Hiromi Aoi (Juntendo Medical University) et al.
- ISP-32- 5. Effect of maternal age on delivery outcome  
Rina Sakurai (Teikyo University) et al.
- ISP-32- 6. Pin-hole amniotomy to reduce obstetrical complications of polyhydramnios : A 5-year experience at single institution  
Yoko Kawanishi (Osaka University Hospital) et al.

- ISP-32- 7. Postoperative infection with different suture threads  
Tatsuo Masuda (Osaka University Hospital) et al.
- ISP-32- 8. Outcomes of non-vertex second twins, following vertex delivery of first twins  
Satsuki Hosokawa (Japanese Red Cross Medical Center) et al.
- ISP-32- 9. Fetal bradycardia lead by a tetanic uterine contraction during epidural anesthesia for painless delivery  
Hiromi Nihei (Aiiiku Hospital) et al.

13 : 15~15 : 15

**Group 33 Management of delivery-2**

Moderator : Akita University Akira Sato

- ISP-33- 1. Evaluation of Kielland Forceps on fetal malrotation  
Jun Takeda (Juntendo University Faculty of Medicine) et al.
- ISP-33- 2. Teamwork-focused interprofessional simulation training reduces the decision-to-delivery interval for emergency cesarean section.  
Mayumi Morizane (Kobe University) et al.
- ISP-33- 3. The effect of simulation training to shorten the decision-to-delivery interval for emergent cesarean section on maternal and neonatal outcome  
Yukako Iitani (Nagoya University) et al.
- ISP-33- 4. Two cases of postpartum vaginal laceration treated by transcatheter arterial embolization  
Shintaro Sakate (Higashihiroshima Medical Center) et al.
- ISP-33- 5. Incidence of intrapartum abnormal fetal heart rate pattern  
Kanittha Boonchuan (Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand) et al.
- ISP-33- 6. Decision-to-delivery interval in emergency cesarean section  
Khemanat Khemworapong (Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand) et al.
- ISP-33- 7. Amnioinfusion for Irreducible Shoulder Presentation in a Dead Fetus : A Case Report  
Sameer Hamadeh (King Fahd Hospital of the University, University of Dammam, Saudi Arabia) et al.
- ISP-33- 8. Accidentally rt ovarian vein thrombosis presenting as postpartum retroperitoneal hematoma  
Sa Jin Kim (Catholic University Bucheon St. Mary Hospital, Korea) et al.

# International Session Workshop

April 16 (Sunday) Room 8

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 2

9 : 00~10 : 15

## Group 16 Oncology 5 Ovarian cancer

Moderator : University of the Ryukyus Yoichi Aoki

University of Occupational and Environmental Health Toru Hachisuga

- IS-WS-16- 1. Prognostic factors and effect of fertility-sparing surgery for ovarian clear cell carcinoma in women of reproductive age : a propensity score-weighted analysis  
Masato Yoshihara (Nagoya University) et al.
- IS-WS-16- 2. Prediction of platinum resistance by metabolome analysis and RNA sequence analysis of cancer stem-like cells in ovarian cancer  
Masakazu Sato (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-16- 3. Long term follow-up and prognosis of endometriosis associated ovarian cancer  
Yasuhito Tanase (Nara Medical University) et al.
- IS-WS-16- 4. Identification of two major subgroups (BRCA-related and aging-related) on basis of mutational signatures by whole-exome sequencing in high-grade ovarian serous carcinoma  
Kayo Asada (Graduate School of Medicine, The University of Tokyo) et al.
- IS-WS-16- 5. Suppression of Warburg effect enhances cisplatin sensitivity in ovarian clear cell carcinoma  
Sachiko Kitamura (Kyoto University) et al.

April 16 (Sun.)  
Program

April 16 (Sunday) Room 7

RIHGA Royal Hotel Hiroshima 4F : Royal Hall 1

10 : 35~11 : 35

## Group 17 Basic research

Moderator : Chiba University Makio Shozu

Akita University Yukihiko Terada

- IS-WS-17- 1. Inflammation on the amniotic membrane induces preterm delivery via Toll-like receptor 2 in mice with chronic dental *Porphyromonas gingivalis* infection  
Yuko Teraoka (Hiroshima University) et al.
- IS-WS-17- 2. Effects of human amniotic fluid stem cells on cutaneous wound healing in a mouse excisional model  
Marie Fukutake (Keio University School of Medicine) et al.

- IS-WS-17- 3. Adipose-derived-mesenchymal stem cells could be a promising cell source of tissue regeneration in congenital neural degeneration  
Akihiro Kawashima (Showa University) et al.
- IS-WS-17- 4. Sumoylation of Basonuclin1 highly expressed in oocyte is enhanced by Pias4  
Motomasa Ihara (Tohoku University) et al.

**April 16 (Sunday) Room 8**  
**RIHGA Royal Hotel Hiroshima 4F : Royal Hall 2**

10 : 15~11 : 30

**Group 18 Oncology 6 Ovarian cancer**

Moderator : Niigata University Takayuki Enomoto  
Toho University Ohashi Medical Center Kaneyuki Kubushiro

- IS-WS-18- 1. Loss of BRCA1 in the cells of origin of ovarian cancer induces glycolysis : identifying the strategy for ovarian cancer metabolic chemoprevention  
Tatsuyuki Chiyoda (Keio University) et al.
- IS-WS-18- 2. Prognostic significance of pretreatment leukocyte alterations in patients with epithelial ovarian cancer  
Naoko Komura (Osaka University) et al.
- IS-WS-18- 3. GSKJ4, a selective jumonji H3K27 demethylase inhibitor, targets ovarian cancer stem cells  
Hirotsugu Sakaki (Yamagata University) et al.
- IS-WS-18- 4. The resistance to anti-VEGF therapy in ovarian cancer is mediated through recruitment of hypoxia-induced MDSC  
Naoki Horikawa (Kyoto University) et al.
- IS-WS-18- 5. Whole-exome sequencing, transcriptome and DNA methylation array in ovarian clear cell carcinomas identified a subgroup characterized by absence of mutations in ARID1A and PIK3CA  
Akira Nishijima (Graduate School of Medicine, The University of Tokyo) et al.

# International Session Poster

## April 16 (Sunday) Poster Session 1

Hiroshima Prefectural Sports Center (Green Arena) B1F : Main Arena

13 : 15~15 : 15

### Group 34 HIV/CIN-4

Moderator : Nihon University Kei Kawana

- ISP-34- 1. Cytological and virological disappearance in CO<sub>2</sub> laser vaporization for the patients with cervical intraepithelial neoplasia 2  
Mizuki Uenaka (Kobe University) et al.
- ISP-34- 2. Phase II study to investigate the efficacy and safety of CO<sub>2</sub> laser vaporization followed by HPV prophylactic human papillomavirus vaccine for cervical intraepithelial neoplasia in single institution  
Kouichiro Kawano (Kurume University, School of Medicine) et al.
- ISP-34- 3. Human papillomavirus genotypes identified in high-grade CIN and invasive cervical cancer in Japanese women  
Jinichi Sakamoto (Kanazawa Medical University) et al.
- ISP-34- 4. Investigation of relationship between HPV infection, cervical cytological abnormality and sexual activity in Niigata  
Manako Yamaguchi (Niigata University) et al.
- ISP-34- 5. Utility of cytology and HR-HPV test for detection of recurrence of cervical intraepithelial neoplasia (CIN) lesions after cervical laser vaporization  
Azumi Miyauchi (Keio University School of Medicine) et al.
- ISP-34- 6. Pregnancy outcome of women with cervical intraepithelial neoplasia 3 after cervical laser conization  
Akiko Uchida (Kobe University Hospital) et al.
- ISP-34- 7. The impact of HPV genotypes in prognosis of advanced cervical cancer  
Mamiko Onuki (Showa University School of Medicine) et al.
- ISP-34- 8. The assessment of cervical cancer screening using the cotesting with cervical cytology and high-risk human papillomavirus testing in Fukui prefecture  
Tetsuji Kurokawa (University of Fukui) et al.
- ISP-34- 9. Human papillomavirus type 68 may has a causal role in development of stratified mucin-producing intraepithelial lesion : a case report  
Shiho Fukui (Teikyo University School of Medicine) et al.
- ISP-34- 10. Cervical cancer screening with liquid-based cytology in women with intellectual disabilities  
Hiroyuki Hashimoto (Sakai City Medical Support Center for Severely Handicapped Children & Persons)

- ISP-34- 11. Analyses of atypical glandular cells on cervical cytology : histopathology and follow-up outcome

Tetsuya Kawaguchi (Kobe University) et al.

13 : 15~15 : 15

**Group 35 Endometrial cancer-4**

Moderator : Kyorin University Yoichi Kobayashi

- ISP-35- 1. Baseline risk of recurrence in stage I-II endometrial carcinoma  
Yae Takehara (National Cancer Center Hospital) et al.
- ISP-35- 2. Adnexal metastasis is a poor prognostic factor in endometrial cancer with lymph node metastasis  
Hidenori Machino (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-35- 3. Evaluation of effectiveness in sentinel node navigation surgery to high-risk endometrial cancer patients by cervical injection method  
Asami Toki (Tohoku University Hospital) et al.
- ISP-35- 4. The impact of p53 in predicting clinical outcome of type II endometrial carcinoma : a retrospective analysis  
Atsushi Fusegi (Tokyo Medical and Dental University) et al.
- ISP-35- 5. Risk factors of recurrence and lymph node metastasis in pT1 endometrial cancer (EMC)  
Yoko Nagayoshi (The Jikei University School of Medicine) et al.
- ISP-35- 6. Recurrence and prognosis for FIGO 2008 stage I endometrial cancer with partially pelvic lymph nodes sampling in our hospital  
Nozomi Shiiba (University of Miyazaki) et al.
- ISP-35- 7. Evaluating the long term prognostic factor in the overall population of patients with clinical and surgical stage IV endometrial carcinoma  
Yusuke Shimizu (Aichi Cancer Center) et al.
- ISP-35- 8. Retrospective study of the 79 recurrent cases in endometrial cancer  
Daito Noguchi (The Jikei University School of Medicine) et al.
- ISP-35- 9. Safety and detection of paraaortic lymph node metastasis by systematic paraaortic lymphadenectomy in endometrial cancer  
Teruyuki Yoshimitsu (Kurume University School of Medicine) et al.
- ISP-35- 10. Preoperative Prognostic Nutritional Index (PNI), calculated from serum albumin and lymphocyte counts of patients, might be a prognostic factor in uterine endometrial cancer  
Hiroshi Matsushima (Kyoto Prefectural University of Medicine) et al.

13 : 15~15 : 15

**Group 36 Ovarian/Tubal cancer-7**

Moderator : Shimane University Kentaro Nakayama

- ISP-36- 1. Differences in clinicopathologic features between endometrioid and clear cell tumors arising from endometrioma  
Shingo Miyamoto (Showa University School of Medicine) et al.
- ISP-36- 2. Immunological difference between ovarian and endometrial endometrioid adenocarcinoma  
Akiko Okazawa (Osaka University) et al.
- ISP-36- 3. Prognostic factors in patients with platinum-resistant/refractory ovarian cancer  
Kaori Yoriki (Kyoto Prefectural University of Medicine) et al.
- ISP-36- 4. Survival analysis of epithelial ovarian cancer on reclassification 2014 FIGO at Tohoku University  
Yoshiko Oyama (Tohoku University) et al.
- ISP-36- 5. Clinical characteristics of primary fallopian tube carcinoma—A retrospective analysis of three institute experience  
Shoko Sakurada (Tohoku University) et al.
- ISP-36- 6. Clinical significance of MRI findings of mucinous borderline ovarian tumor  
Akihiko Ueda (Saiseikai Noe Hospital) et al.
- ISP-36- 7. Frequency of Malignant and Borderline Neoplasms of Ovaries After Laparoscopic Surgery and Analysis of Preoperative Evaluation  
Risa Tsunematsu (Teine Keijinkai Hospital) et al.
- ISP-36- 8. A retrospective study of the clinical significance of lymph node status in ovarian, fallopian, and peritoneal cancer  
Yoshio Itani (Nara Prefecture General Medical Center) et al.
- ISP-36- 9. Pretreatment maximum standardized uptake value of 18F-fluorodeoxyglucose positron emission tomography-computed tomography as a prognostic biomarker in epithelial ovarian cancer  
Takuto Matsuura (Kameda Medical Center) et al.
- ISP-36- 10. Prognostic impact of ovarian cancer stage IV subclassification in FIGO 2014 staging system  
Masafumi Yasunaga (Kyushu University) et al.
- ISP-36- 11. Clinicopathological factors and prognosis in the patients with stage IV ovarian cancer  
Koki Oku (Kobe University) et al.
- ISP-36- 12. Paraneoplastic thrombocytosis as a prognostic marker in ovarian cancer  
Sari Nakao (Tsukuba University) et al.
- ISP-36- 13. Negative peritoneal washing cytology during interval debulking surgery can predict overall survival after neoadjuvant chemotherapy for ovarian cancer  
Ayaka Iura (Kanagawa Cancer Center) et al.

13 : 15~15 : 15

**Group 37 Familial tumor/Trophoblastic disease**

Moderator : Tokyo Women's Medical University Hideo Matsui

- ISP-37- 1. Screening of Lynch syndrome using risk assessment criteria and deficiencies of mismatch repair proteins in patients with ovarian cancer  
Takashi Takeda (Keio University School of Medicine) et al.
- ISP-37- 2. Prevalence of a family history of ovarian and breast cancer among patients with ovarian or peritoneal cancer  
Saya Yamashita (Osaka University) et al.
- ISP-37- 3. About Microsatellite Instability Test for Endometrial cancer in our hospital (the screening for Lynch syndrome)  
Aki Hara (Saitama Cancer Center) et al.
- ISP-37- 4. N-acetylglucosaminyltransferase IVa promotes invasion of choriocarcinoma  
Kimihiro Nishino (Nagoya University) et al.
- ISP-37- 5. Clinical outcome of patients with invasive mole, clinical invasive mole or post-molar persistent hCG treated with 5-day methotrexate regimen  
Hitomi Imafuku (Kobe University) et al.
- ISP-37- 6. A second curettage for hydatidiform mole : proposal for patient selection  
Chihiro Odaki (Showa University School of Medicine) et al.
- ISP-37- 7. HDlive image of complete hydatidiform mole  
Kenta Yamamoto (Kagawa University) et al.

13 : 15~15 : 15

**Group 38 Other malignant or benign tumor-2**

Moderator : Kawasaki Medical School Takafumi Nakamura

- ISP-38- 1. Effectiveness and safety of chemotherapy in elderly gynecologic cancer patients.  
Mihoko Aoki (Yokohama City University) et al.
- ISP-38- 2. Maternal death through Malignancy tumors : Analysis of National registration in Japan  
Shinji Katsuragi (Sakakibara Heart Institute) et al.
- ISP-38- 3. A case of venous thromboembolism due to oral contraceptive intake and nights spent in a vehicle—A case from the 2016 Kumamoto Earthquakes—  
Yoshinori Okamura (Kumamoto University) et al.
- ISP-38- 4. Treating gynecologic cancer in oldest old patients, defined as aged 85 years and older  
Taeko Ueda (University of Occupational and Environmental Health) et al.
- ISP-38- 5. Trends of routes of hysterectomy performed for benign indications ;  
A single-center, retrospective study  
Akimasa Takahashi (Nagahama City Hospital) et al.

- ISP-38- 6. Trends in incidence and long-term survival of Japanese women with vulvar cancer : a population-based analysis  
Yusuke Tanaka (Osaka University Graduate School of Medicine) et al.
- ISP-38- 7. Cytotoxic effects of 15-deoxy-delta 12,14-prostaglandin J2 in combination with dasatinib or gefitinib against uterine sarcoma in vitro  
Takako Kawakita (Tokushima University) et al.
- ISP-38- 8. The initial experiences of Edoxaban for the treatment of thromboembolism in patients with gynecological malignancies  
Mayu Shiomi (Osaka University) et al.
- ISP-38- 9. Preoperative diagnosis of uterine sarcoma using tumor signal intensity by T2 weighted imaging (T2WI) and apparent diffusion coefficient (ADC) of Magnetic Resonance Imaging (MRI)  
Yasuko Oka (Komatsu Municipal Hospital) et al.
- ISP-38- 10. Complementary role of contrast-enhanced computed tomography (CECT) and <sup>18</sup>F-FDG PET/CT in the assessment of recurrence in patients with gynecologic malignancies  
Koji Kumagai (Osaka Railway Hospital) et al.
- ISP-38- 11. Clinicopathological characteristics of ovarian tumor with small mural nodule  
Yu Ito (Osaka University) et al.
- ISP-38- 12. Clinical safety and effectiveness of intensity-modulated radiation therapy for recurrent gynecological cancers  
Eiji Hirata (Hiroshima University) et al.

13 : 15~15 : 15

**Group 39 Reproductive Physiology/Endocrinology-2**

Moderator : Toho University Sakura Hospital Toshihiko Kinoshita

- ISP-39- 1. Functional analysis of Nrf2 in the ovary and the relation of Nrf2 with oxidative stress  
Nana Akino (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-39- 2. Endoplasmic reticulum (ER) stress inhibits progesterone production in human granulosa cells  
Nozomi Takahashi (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-39- 3. Oxidative stress and antioxidant capacity in the primary ovarian insufficiency  
Toshiyuki Kakinuma (International University of Health and Welfare Hospital) et al.
- ISP-39- 4. Epigenetic changes of the VEGF promoter region in rat granulosa cells undergoing luteinization after the LH surge  
Masahiro Shinagawa (Yamaguchi University) et al.
- ISP-39- 5. Investigation of the effect of mouse ovary storage duration on fertility.  
—Basic experiment for clinical application of ovarian transport—  
Keiko Kamoshita (The Jikei University School of Medicine) et al.

- ISP-39- 6. Global identification of pregnancy stage-specific progesterone responsive genes in primary human endometrial stromal and decidual cells  
Shun Akaeda (Graduate School of Medicine, The University of Tokyo) et al.
- ISP-39- 7. DNA damage induces p21 expression during mouse preimplantation embryo and prevents development of embryo in uterus  
Masami Hayashi (Osaka City University, Graduate School of Medicine) et al.
- ISP-39- 8. Effects of versican VI on human embryo attachment in an in vitro implantation model  
Yumiko Miyazaki (Kyoto University) et al.

13 : 15~15 : 15

**Group 40 Reproductive Physiology/Endocrinology-3**

Moderator : Hamamatsu University School of Medicine Kazuhiro Sugihara

- ISP-40- 1. Eight-shaped hatching occurred near ICM induces spreading of the ICM  
Yohei Onodera (Akita University) et al.
- ISP-40- 2. Phenotypic changes of macrophages in the decidua from miscarriage  
Yasuhiko Ebina (Kobe University) et al.
- ISP-40- 3. The Effect of Oil and Water-Soluble Contrast Medium in Hysterosalpingography on Thyroid Function and Pregnancy  
Shuhei So (Tawara IVF clinic) et al.
- ISP-40- 4. Accuracy and safety verification of ovarian reserve assessment technique using optical coherence tomography for ovarian tissue transplantation  
Seido Takae (St. Marianna University School of Medicine) et al.
- ISP-40- 5. The pineal hormone melatonin prevents ovarian aging by reducing declines in quantity and quality of oocytes  
Hiroshi Tamura (Yamaguchi University Graduate School of Medicine) et al.
- ISP-40- 6. Case Report : Sarcoidosis of the fallopian tube  
Takashi Kuno (Tohoku University Hospital) et al.
- ISP-40- 7. POR mutations underlie non-syndromic amenorrhea and infertility  
Kazuki Saitou (Tokyo Medical Dental University) et al.

13 : 15~15 : 15

**Group 41 Recurrent pregnancy loss-1**

Moderator : Nagoya City University Mayumi Sugiura

- ISP-41- 1. Studies concerning the efficacy of immunotherapy with husbands lymphocytes for patients with unexplained recurrent abortion (URA). Analyses in the effectiveness considering the fluctuation of patient age  
Taro Nonaka (Niigata University Medical and Dental Hospital) et al.
- ISP-41- 2. Correlation of K6 psychological stress score to subsequent pregnancy outcome in women with recurrent pregnancy loss  
Shoko Ikeda (Faculty of Medicine, The University of Tokyo) et al.

- ISP-41- 3. Comparison of the validity of next generation sequencing and array comparative genomic hybridization in a chromosome translocation patient  
Yoshiharu Nakaoka (IVF Namba Clinic) et al.
- ISP-41- 4. A proteomic approach to identify pathology-related molecules in patients with seronegative obstetric antiphospholipid syndrome  
Yoshimitsu Kuwabara (Nippon Medical School) et al.
- ISP-41- 5. New procedure using ulinastatin and laminaria tent for infertility due to cesarean scar of uterus  
Akiko Kuwahata (Ochi Yume Clinic Nagoya)
- ISP-41- 6. The large yolk sac in the case of missed miscarriage is associated with abnormal chromosomal composition  
Satoshi Yoneda (Toyama University) et al.
- ISP-41- 7. Protein S deficiency complicated pregnancy in women with recurrent pregnancy loss  
Mihoko Uchiyama (Kobe University) et al.

13 : 15~15 : 15

**Group 42 Recurrent pregnancy loss-2**

Moderator : Niigata University Koichi Takakuwa

- ISP-42- 1. Anti-Prothrombin/HLA-DR antibody is one of the autoantibodies in antiphospholipid patients  
Satoko Morikami (Kobe University Graduate School of Medicine) et al.
- ISP-42- 2. Impact of subclinical hypothyroidism on subsequent pregnancy outcome in women with unexplained recurrent pregnancy loss  
Sayaka Uchida (Keio University) et al.
- ISP-42- 3. Low levels of plasma protein S (PS) may be associated with adverse pregnancy outcome  
Masashi Deguchi (Kobe University) et al.
- ISP-42- 4. Autoantibodies against  $\beta_2$ -glycoprotein I/HLA class II complexes may have the potential for improving diagnosis of antiphospholipid syndrome  
Kenji Tanimura (Kobe University) et al.
- ISP-42- 5. Impact of inversion of chromosome 9 on recurrent pregnancy loss  
Mirei Yonezawa (Nippon Medical School) et al.
- ISP-42- 6. Serum human chorionic gonadotropin measured 9 days following day 5 embryo transfer might predict pregnancy outcome in frozen/thawed embryo transfer cycle  
Shin Oonota (Dokkyo Medical University Koshigaya Hospital) et al.
- ISP-42- 7. High dose intravenous immunoglobulin therapy for pregnancy with aspirin-heparin resistant antiphospholipid syndrome  
Yoko Maesawa (Kobe University) et al.

13 : 15~15 : 15

**Group 43 Pregnancy with medical complications-1**

Moderator : AIKU Hospital Takahiro Yamashita

- ISP-43- 1. No association between raised thyrotropin and adverse perinatal outcome in low-risk pregnancies  
Seishi Furukawa (Kyorin University) et al.
- ISP-43- 2. The effect of bed rest for threatened preterm delivery on maternal and fetal vitamin D  
Naoto Yonetani (Tokushima University) et al.
- ISP-43- 3. Transabdominal cerclage (TAC) for patients with ultra-short uterine cervix after operations for uterine cervical cancer : Possibility of its application to pregnancies after radical trachelectomy (RT)  
Miseon Kim (Sapporo Medical University School of Medicine) et al.
- ISP-43- 4. Colonization of Lactobacillus species and vaginal Nugent score is highly correlated with clearance of group B Streptococcus from birth canal  
Tasuku Mariya (Hokkaido Social Insurance Obihiro Hospital) et al.
- ISP-43- 5. The effect of high glucose condition on the expression of angiogenic factors through PKC $\beta$ -HIF1 $\alpha$  pathway in human choriocarcinoma cells  
Takashi Mitsui (Okayama University) et al.
- ISP-43- 6. The pathophysiology of gestational diabetes in lean pregnant women evaluated by insulin secretion and insulin resistance  
Shigeru Inoue (Kurume University) et al.
- ISP-43- 7. Pregnancy and Postpartum Outcomes in Women with Complete Atrioventricular Block  
Ayaka Nakashima (National Cerebral and Cardiovascular Center) et al.
- ISP-43- 8. Relationship between laboratory data of TSH and preventive effect of preterm birth by levothyroxine administration in pregnant women with subclinical hypothyroidism  
Masahiro Shiba (Teikyo University School of Medicine) et al.
- ISP-43- 9. Evaluation of the relationship between the severity of epilepsy and perinatal outcomes  
Michihiro Yamamura (The Jikei University School of Medicine) et al.
- ISP-43- 10. Efficacy of maternal serological screening for congenital cytomegalovirus infection  
Shinya Tairaku (Kobe University) et al.
- ISP-43- 11. Investigation of risk evaluation method for pregnancy with adult congenital heart disease  
Hironobu Hyodou (Tokyo Metropolitan Bokutoh Hospital) et al.

13 : 15~15 : 15

**Group 44 Pregnancy with medical complications-2**

Moderator : Tokyo Medical Dental University Naoyuki Miyasaka

- ISP-44- 1. Clinical factors associated with pregnancy outcome in systemic lupus erythematosus  
Shino Kubota (Kobe University) et al.
- ISP-44- 2. Perinatal prognosis of pregnancy with cytomegalo virus IgM antibody in our hospital  
Kunihiko Yoshida (Niigata University) et al.
- ISP-44- 3. Study of pregnant women who has medical history of Anorexia nervosa  
Aiko Sekine (Showa University School of Medicine) et al.
- ISP-44- 4. Protection from Repeated Intra-Uterine Infection (IUI)  
Masayoshi Arizawa (Tokyo Metropolitan Ohtsuka Hospital) et al.
- ISP-44- 5. Two cases of perforated appendicitis with peritonitis during pregnancy : different outcome after appendectomy  
Michihisa Shiro (Wakayama Medical University) et al.
- ISP-44- 6. In vitro fertilization and pregnancy management in a woman with acquired idiopathic chylous ascites  
Ai Sakamoto (Okayama University) et al.
- ISP-44- 7. A case of pheochromocytoma (retroperitoneal paraganglioma) complicated pregnancy with acute adrenal crisis at 31 weeks  
Chiyori Sakamoto (Dokkyo Medical University Hospital) et al.
- ISP-44- 8. A case of pregnancy after mechanical valve replacement for aortic stenosis  
Shotaro Kai (Kyushu University) et al.
- ISP-44- 9. Two cases of pregnant women with non-gynecological malignant tumor sowing from deep venous thrombosis in the second trimester  
Aya Ootsuka (Juntendo University Urayasu Hospital) et al.
- ISP-44- 10. Case report of a pregnant woman with diffusely-spread small intestinal endometriosis following clinical micro-rupture of endometrioma during pregnancy  
Erina Kato (Nihon University) et al.
- ISP-44- 11. Successful pregnancy in cervical carcinoma stage1b1 patient  
Makiko Kasahara (Juntendo University Nerima Hospital) et al.
- ISP-44- 12. A case of lung cancer during pregnancy : its diagnosis and management  
Ai Higashijima (Nagasaki University) et al.

13 : 15~15 : 15

**Group 45 FGR/Fetal diagnosis/treatment-1**

Moderator : National Center for Child Health and Development Haruhiko Sago

- ISP-45- 1. The importance of genetic counseling for non-invasive prenatal testing : four years experiences in our hospital  
Yuri Hasegawa (Nagasaki University) et al.
- ISP-45- 2. The study of fetus anomalies detected before 22 weeks of gestation  
Ryoko Ono (Sakakibara Heart Institute) et al.
- ISP-45- 3. The choice of pregnant women received positive result of prenatal screening for fetal aneuploidy in one institution  
Hiroko Tanaka (Osaka University Graduate School of Medicine) et al.
- ISP-45- 4. The decision making of at-risk couples for the prenatal diagnosis of congenital metabolic disorders  
Yutaka Iwagoi (Kumamoto University) et al.
- ISP-45- 5. A case of 31-year-old woman who repeated the pregnancy with full trisomy 21 at four times  
Kazuaki Oohashi (Nagasaki University Hospital) et al.
- ISP-45- 6. Factors influencing Japanese woman's decision regarding to choose NIPT  
Junko Yotsumoto (Ochanomizu University) et al.
- ISP-45- 7. Fetal facial expression in the 3rd trimester  
Aboellail Mohamed (Kagawa University) et al.
- ISP-45- 8. Neurodevelopmental outcome of early-onset fetal growth restriction  
Yoshiaki Yamagata (JCHO Tokuyama Central Hospital) et al.

13 : 15~15 : 15

**Group 46 FGR/Fetal diagnosis/treatment-2**

Moderator : Fujita Health University Takao Sekiya

- ISP-46- 1. Maternal nutrient restriction (MNR) in guinea pigs leads to fetal growth restriction (FGR) with sex-related increases in tissue hypoxia  
Yohei Maki (University of Miyazaki) et al.
- ISP-46- 2. The assessment of fetal development of growth restricted fetuses by evaluating fetal facial expressions with 4D HDlive sonography  
Hideyuki Chida (Iwate Medical University) et al.
- ISP-46- 3. A new method of predicting a brain hemorrhage risk in Fetal Growth Restriction  
Takahiro Minato (Tohoku University Graduate School of Medicine, International Disciplinary Biomedical Engineering) et al.
- ISP-46- 4. Changes of umbilical venous blood flow volume during pregnancy in light for date infants  
Hiroko Takita (Showa University School of Medicine) et al.

- ISP-46- 5. A case of fetal goiter after preconception hysterosalpingography using an oil-soluble iodinated contrast medium  
Yuri Sasaki (Iwate Medical University School of Medicine) et al.
- ISP-46- 6. A case of mosaic trisomy 2 in amniotic fluid cultures with intrauterine fetal death at 29 weeks of gestation  
Tomomi Yamazaki (Hiroshima University) et al.
- ISP-46- 7. Discordant karyotype in monochorionic diamniotic twins : two cases report  
Atsuko Hichijo (Tokushima University) et al.
- ISP-46- 8. A case of ring chromosome 13 ; a rare chromosomal aberration  
Haruka Gotoh (Kyusyu University) et al.
- ISP-46- 9. Two cases of large superficial vascular tumor on the fetal head : pitfalls in prenatal diagnosis  
Takaaki Shinagawa (Kurume University Hospital, Maternal and Perinatal Medical Center) et al.

13 : 15~15 : 15

**Group 47 Social problems/Epidemiology**

Moderator : Saitama Medical University Ryugo Okagaki

- ISP-47- 1. Survey of attitudes and awareness among pregnant women of the public cord blood bank system in Japan  
Yoko Nishida (University of Human Arts and Sciences) et al.
- ISP-47- 2. Cost of illness of the obstetrical diseases in Japan : a time-trend and future projection analysis  
Eijiro Hayata (Toho University Omori Medical Center) et al.
- ISP-47- 3. Perinatal intervention and care aimed for parenting support at a general obstetric unit  
Yoko Hasumi (Mitsui Memorial Hospital) et al.
- ISP-47- 4. Return to work after cancer treatment of gynecologic cancer  
Keiichiro Nakamura (Okayama University) et al.
- ISP-47- 5. Estimation of clinical data by artificial intelligence  
Yasunari Miyagi (Okayama Ohfuku Clinic) et al.
- ISP-47- 6. Leptomeningeal metastasis from gynecologic cancers diagnosed by brain MRI  
Masafumi Toyoshima (Tohoku University) et al.
- ISP-47- 7. New challenges in the clinical development of drugs for rare cancers including gynecologic malignancies  
Tadaaki Nishikawa (National Cancer Center Hospital)
- ISP-47- 8. Features of the gestational sac-like structure in tubal ectopic pregnancy : a magnetic resonance imaging study  
Toshimichi Oonuma (University of Fukui Hospital) et al.
- ISP-47- 9. Influences of obstetrics & gynecology simulation training on resident doctors  
Ikuji Shimazaki (Osaka City University) et al.

13 : 15~15 : 15

**Group 48 Puberty/Menstrual disorder**

Moderator : Showa University School of Medicine Kazuhisa Shimodaira

- ISP-48- 1. A 9-years Experience of Induced second trimester abortion in a single tertiary referral center  
Masayuki Endo (Osaka University) et al.
- ISP-48- 2. Is physical activity associated with pelvic shape during periadolescent period?  
Keiichiro Narumoto (Hamamatsu University, School of Medicine) et al.
- ISP-48- 3. The etiology of primary amenorrhea of recent Japanese women : a single-center experience  
Mayuko Miyamoto (Osaka University) et al.
- ISP-48- 4. Young Female athletes' insufficient recognition of their menstruation-associated problems  
Shiori Umemura (Kyoto Prefectural University of Medicine) et al.
- ISP-48- 5. Retrospective analysis of 26 cases of congenital vaginal agenesis in the last 5 years  
Yasuhiko Kamada (Okayama University) et al.
- ISP-48- 6. Case report : "Gourd-shaped sign" in ultrasonography might be useful to diagnose imperforate hymen in adolescents with abdominal pain  
Hajime Ota (Teine Keijinkai Hospital) et al.
- ISP-48- 7. A case of vaginoplasty by Granjon's method for the treatment of recurrent restenosis following resection of transverse vaginal septum  
Yuko Hagiwara (Yokohama City University Hospital) et al.