

April 13 (Saturday)

Presidential Lecture **ST**

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

“Common sense” in the advancement of medicine

Chair : Keio University

Speaker : Nagoya University

Daisuke Aoki

Fumitaka Kikkawa

Special Lecture **ST**

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

Towards the proper development of reproductive medicine in Japan

Chair : Keio University, Professor Emeritus/Special Advisor to

The Cabinet

Yasunori Yoshimura

Speaker : Tokushima University

Minoru Irahara

Invited Lecture **ST**

(Room 1 : Bldg.1, 2F Century Hall, 11 : 10~12 : 00)

Lighting the Earth with LEDs

Chair : The University of Tokyo

Tomoyuki Fujii

Speaker : Center for Integrated Research of Future Electronics,

Institute of Materials and Systems for Sustainability,

Nagoya University

Hiroshi Amano

Symposium 2 **ST**

(Room 1 : Bldg.1, 2F Century Hall, 13 : 30~16 : 30)

Preconception care for improved reproductive and pregnancy-related outcomes

Chairs : Akita University

Yukihiro Terada

Kyoto Prefectural University of Medicine

Jo Kitawaki

1) Strategy for improving fertility based on a novel nutrient biomarker in reproductive medicine : Aiming to establish evidence of preconception care

Speaker : Fukushima Medical Center for Children and Women,

Fukushima Medical University

Kuniaki Ota

2) Effect of chronic endometritis on function and differentiation of the endometrium and its therapeutic significance

Speaker : Shiga University of Medical Science Fuminori Kimura

3) Endoplasmic reticulum stress, a key component in follicular microenvironment, as a novel therapeutic target to improve ovarian function

Speaker : The University of Tokyo Miyuki Harada

4) Novel non-hormonal treatment strategy for endometriosis : Targeting endometrial stem cells and epithelial-mesenchymal transition

Speaker : Keio University Hirotaka Masuda

Overseas Invited Lecture 5

(Room 5 : Bldg.3, 3F International Conference Room, 14 : 00~14 : 20)

Circumstances of delivery in Myanmar

Chair : The Jikei University School of Medicine Aikou Okamoto

Speaker : University of Medicine 1, Yangon, Myanmar

San San Myint

AOFOG Symposium

(Room 5 : Bldg.3, 3F International Conference Room, 14 : 20~16 : 20)

Updates in Maternal Fetal Medicine

Chairs : Ninewells Care Mother & Baby Hospital, Sri Lanka/

AOFOG Secretary-General Rohana N. Haththotuwa

Hiroshima University/JSOG Yoshiki Kudo

Opening Remarks

Speakers : Gleneagles Hospital Kuala Lumpur, Malaysia/AOFOG

President Ravi Chandran

The University of Tokyo/JSOG Chairperson

Tomoyuki Fujii

1) Halting rising CS rates

Speaker : The Royal Thai College of Obstetricians and

Gynaecologists, Thailand/AOFOG Vice President

Pisake Lumbiganon

2) Current practice knowledge in prediction and prevention of spontaneous preterm birth

Speaker : Prince of Songkla University, Thailand/AOFOG

Ounjai Kor-anantakul

3) Routine Induction of Labour at 39 weeks

Speaker : Gleneagles Hospital Kuala Lumpur, Malaysia/AOFOG

President Ravi Chandran

4) Ultrasound diagnosis of fetal abnormalities in the first trimester

Speaker : Fujita Health University/JSOG

Takao Sekiya

Closing Remarks

Speaker : The Jikei University School of Medicine/JSOG/AOFOG

President-elect

Kazunori Ochiai

International Workshop for Junior Fellows

(Room 7 : Bldg.2, 2F Conference Room 224, 8 : 30~8 : 35)

Opening Remarks

Speaker : Tohoku University

Hidekazu Nishigori

International Workshop for Junior Fellows 1

(Room 7 : Bldg.2, 2F Conference Room 224, 8 : 35~9 : 30)

Labor analgesia : Indication, management and relevant issues

Chairs : Showa University
KSOG

Akihiko Sekizawa
Pil Ryang Lee

1) Updates on Venous Thromboembolism Prevention in Obstetric Patients and Considerations for Neuraxial Analgesia

Speaker : ACOG

Andrea Henkel

2) Labor analgesia : Indication, management and relevant issues

Speaker : KSOG

Nam Rri Kim

3) Labor analgesia : Indication, management and relevant issues

Speaker : TAOG

Jessica Kang

4) Labor analgesia : Indication, management and relevant issues

Speaker : DGGG

Anne Kathrin Volkmer

5) Labor analgesia in Japan : past and future

Speakers : JSOG

Yoko Nagayasu

JSOG

Yuko Nakagawa

JSOG

Hiroki Fujimoto

International Workshop for Junior Fellows 2

(Room 7 : Bldg.2, 2F Conference Room 224, 9 : 30~10 : 30)

Current status of laparoscopic and robotic surgeries in gynecology

Chairs : Tokyo Medical University
TAOG

Hiroataka Nishi
Wei-Chun Chang

1) Current status of laparoscopic and robotic surgeries in gynecology

Speaker : KSOG

Ki-Jin Ryu

2) Current status of laparoscopic and robotic surgeries in gynecology

Speaker : TAOG

Cindy Weng

3) Current status of laparoscopic and robotic surgeries in gynecological oncology

Speaker : DGGG

Jitka Blazek

- 4) The current status, health insurance coverage, and future challenges of laparoscopic and robot-assisted surgery for obstetrics and gynecology in Japan

Speakers : JSOG	Nanae Tsuchida
JSOG	Hisamitsu Takaya
JSOG	Tetsuya Matsukawa

International Workshop for Junior Fellows 3

(Room 7 : Bldg.2, 2F Conference Room 224, 10 : 30~11 : 25)

The educational system for OB/GYN trainees

Chairs : Nippon Medical School	Toshiyuki Takeshita
ACOG	Lisa M. Hollier

- 1) OB/GYN Residency Education in the United States
Speaker : ACOG
Danielle M Prentice
- 2) The educational system for OBGYN trainees in Korea : the 80 hours of work on training, advantages and disadvantages of dispatching a mother hospital
Speaker : KSOG
Hyewon Baek
- 3) The educational system for OB/GYN trainee in Taiwan
Speaker : TAOG
Tzu-Yu Hung
- 4) Obstetrics and Gynecology (OB/GYN) Residency Training in Germany
Speaker : DGGG
Khayal Gasimli
- 5) Medical education system up to acquisition of OB/GYN specialist certification in Japan
Speakers : JSOG
Kazumasa Mogi
JSOG
Sakiko Nanjo
JSOG
Daichi Urushiyama

International Workshop for Junior Fellows

(Room 7 : Bldg.2, 2F Conference Room 224, 11 : 25~11 : 30)

Closing Remarks

Speaker : Keio University	Kouji Banno
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Luncheon Seminar 18 **ST**

(Room 3 : Bldg.4, 1F Shirotori Hall(North), 12 : 10~13 : 10)

The forefront of recurrent ovarian cancer treatment

sponsored by AstraZeneca K.K./MSD K.K.

Chair : Kagoshima University	Hiroaki Kobayashi
Speaker : Shizuoka Cancer Center	Yasuyuki Hirashima

Luncheon Seminar 20 **ST**

(Room 5 : Bldg.3, 3F International Conference Room, 12 : 10~13 : 10)

Trends of gynecological ultrasound.

—Truth in the monitor—

sponsored by GE Healthcare Japan

Chair : Kindai University

Noriomi Matsumura

Speaker : Fujita Health University

Takao Sekiya

International Session Workshop

April 13 (Saturday) Room 9

Bldg.2, 1F : Exhibition Room 211

8 : 30~9 : 33

Group 6 Oncology 3 Cervical Cancer/CIN/SIL2

Chairs : Yokohama City University Etsuko Miyagi
University of the Ryukyus Yoichi Aoki

- IS-WS-6- 1. Propensity score matched oncologic analysis of abdominal radical trachelectomy versus abdominal radical hysterectomy for early stage cervical cancer
Naohiko Saiki (Keio University) et al.
- IS-WS-6- 2. Safety evaluation of abdominal trachelectomy in patients with cervical cancer with tumors ≥ 2 cm : A single-institution, retrospective analysis
Kaoru Okugawa (Kyushu University Hospital) et al.
- IS-WS-6- 3. Analysis of pathological and clinical characteristics of cervical conization focusing on age in Japan : Subcommittee for Investigation of Cervical Conization within the Gynecologic Oncology Committee in the Japan Society of Obstetrics and Gynecology
Isao Murakami (Subcommittee for Investigation of Cervical Conization in the Japan Society of Obstetrics and Gynecology) et al.
- IS-WS-6- 4. Reduction in human papillomavirus (HPV) 16/18 prevalence in a population with high coverage of HPV vaccination in Japan
Manako Yamaguchi (Niigata University) et al.
- IS-WS-6- 5. Withdrawn
- IS-WS-6- 6. Radical vaginal trachelectomy for early-stage cervical cancer : A case series and literature review
Chin-Jui Wu (Hsinchu Branch, National Taiwan University Hospital, Taiwan) et al.
- IS-WS-6- 7. Expression of APOBEC3 family genes in cervical cancer and precancerous lesions
Ling Wang (The People's Hospital of Xinjiang Uygur Autonomous Region, China) et al.

April 13 (Saturday) Room 10

Bldg.2, 1F : Exhibition Room 212

8 : 30~9 : 42

Group 7 Oncology 4 Ovarian Cancer 2

Chairs : Kyushu University Kiyoko Kato
Steel Memorial Yawata Hospital Toru Hachisuga

- IS-WS-7- 1. Molecular Characterization of Chemo-Sensitivity in Ovarian Clear Cell Carcinoma
Masataka Takenaka (The Jikei University School of Medicine) et al.
- IS-WS-7- 2. Targeting peritoneal immune system by BET inhibitors could be a new treatment strategy for ovarian cancer
Sayaka Ueno (Division of Gene Regulation, Institute for Advanced Medical Research, Keio University) et al.
- IS-WS-7- 3. Circulating tumor DNA as a novel biomarker for ovarian cancer monitoring
Yoshiko Nanki (Keio University) et al.
- IS-WS-7- 4. P53 status suggested as an independent prognostic factor for poor overall survival in early-stage ovarian clear cell carcinomas
Chenyang Xu (University of Tsukuba) et al.
- IS-WS-7- 5. A clinicopathological features of ovarian endometrioid carcinoma and clear cell carcinoma with Lynch syndrome associated multiple primary cancers
Tamaki Tanaka (National Hospital Organization Shikoku Cancer Center) et al.
- IS-WS-7- 6. Identification of cancer specific miRNA in squamous cell carcinoma arising from mature teratoma of ovary using next-generation sequencing
Kosuke Yoshida (Nagoya University Hospital) et al.
- IS-WS-7- 7. Mediator complex subunit 1 (MED1), a novel binding partner of BRCA1, regulates homologous recombination repair and R-loop processing
Harunori Honjoh (The University of Tokyo) et al.
- IS-WS-7- 8. The outcome of interval debulking surgery after neoadjuvant chemotherapy in women with stage IIIC/IV high-grade serous ovarian, fallopian tubal or primary peritoneal cancer
Seok Mo Kim (Chonnam National University of South Korea, Korea) et al.

April 13 (Saturday) Room 11

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

8 : 30~9 : 15

Group 8 Reproductive Endocrinology 1

Chairs : Tottori University Tasuku Harada
Akita University Yukihiro Terada

- IS-WS-8- 1. New insights into the efficacy of SR-16234, a selective estrogen receptor modulator, on the growth of murine endometriosis-like lesions
Khine Yin Mon (Tottori University) et al.
- IS-WS-8- 2. Iron accumulation in menstrual blood through hepcidin triggers inflammatory features of the endometrium
Hisashi Kataoka (Kyoto Prefectural University of Medicine) et al.
- IS-WS-8- 3. Effects of galectin-3 on proliferation, migration and adhesion of endometrial stromal cells
Saya Yamashita (Osaka University) et al.
- IS-WS-8- 4. Progesterone-induced endometrial epithelial differentiation governs embryo invasion through epithelial eat-me signal and trophoblast phagocytosis
Shun Akaeda (The University of Tokyo) et al.
- IS-WS-8- 5. Suppression of gonadotropin sensitivity and steroidogenesis in human granulosa cells by endometriotic stroma cells
Shotaro Hayashi (Nagoya University) et al.

April 13 (Saturday) Room 12

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

8 : 30~9 : 33

Group 9 Perinatology 3

Chairs : Nippon Medical School Toshiyuki Takeshita
Tohoku University Junichi Sugawara

- IS-WS-9- 1. A homozygous NOP14 variant is likely to cause recurrent pregnancy loss
Toshifumi Suzuki (Juntendo University Hospital, Juntendo University) et al.
- IS-WS-9- 2. Neo-self antibody as a risk factor for recurrent pregnancy loss
Kenji Tanimura (Kobe University) et al.
- IS-WS-9- 3. Single-cell T cell receptor (TCR) repertoire analysis revealed insufficient clonal expansion of decidual effector regulatory T cells was present in preeclampsia, but not in miscarriage, in humans
Sayaka Tsuda (University of Toyama) et al.

- IS-WS-9- 4. Fetal macrophages in amniotic fluid assist the healing of ruptured membranes
Yosuke Kawamura (Kyoto University Hospital) et al.
- IS-WS-9- 5. Variation of antibiotics resistant pattern of Group B streptococcus isolated from women in the past 13 years : A retrospective study in Japan base on 19,899 women vaginal swaps
Yosuke Gomi (Warabi Municipal Hospital) et al.
- IS-WS-9- 6. Progranulin and secretory leukocyte protease inhibitor as key mediators in cervical ripening
Naoya Akiba (The University of Tokyo) et al.
- IS-WS-9- 7. Predicting methicillin-resistance Staphylococcus aureus (MRSA) carriers in newborns by screening pregnant woman and its meanings : A prospective single-center cohort study
Jumpei Ogura (Saiseikai Noe Hospital) et al.

April 13 (Saturday) Room 9

Bldg.2, 1F : Exhibition Room 211

10 : 20~11 : 41

Group 10 Oncology 5 Endometrial Cancer/Others

Chairs : Hokkaido University Hidemichi Watari
Kagoshima University Hiroaki Kobayashi

- IS-WS-10- 1. The role of myeloid-derived suppressor cells (MDSCs) in the induction of endometrial cancer stem cells (CSCs)
Eriko Yokoi (Osaka University) et al.
- IS-WS-10- 2. Retrospective analysis of prognosis and treatment of uterine leiomyosarcoma in 259 Japanese women
Kazuhiro Takehara (National Hospital Organization Shikoku Cancer Center) et al.
- IS-WS-10- 3. Estrogen-related receptor alpha induces transforming growth factor beta-stimulated endometrial cancer invasion through cancer-stromal interactions
Kaori Yoriki (Kyoto Prefectural University of Medicine) et al.
- IS-WS-10- 4. Exploration of specific markers of a partial hydatidiform mole
Hirokazu Usui (Chiba University) et al.
- IS-WS-10- 5. CD70 antibody-drug conjugate exhibits potent targeted antitumor activity against uterine leiomyosarcoma
Ruriko Nakae (Osaka University) et al.
- IS-WS-10- 6. Clinical sequencing for gynecological malignancies by Todai OncoPanel (TOP)
Michihiro Tanikawa (The University of Tokyo) et al.
- IS-WS-10- 7. Cross-trait genetic analysis of five gynecologic diseases in Japanese
Tatsuo Masuda (Osaka University) et al.

- IS-WS-10- 8. A novel oral STAT3 inhibitor YHO-1701 suppresses ovarian and endometrial cancer cell growth through STAT3 and mTOR signaling with enhanced cell killing in combination with an mTOR inhibitor
Kosei Hasegawa (Saitama Medical University International Medical Center) et al.
- IS-WS-10- 9. Microarray analysis of gene cluster differentiation expressions between endometrial cancer and cervical cancer with normal corpus tissue
Kuanting Lin (National Taiwan University Hospital, National Taiwan University College of Medicine, Taiwan) et al.

April 13 (Saturday) Room 10

Bldg.2, 1F : Exhibition Room 212

10 : 20~11 : 23

Group 11 Oncology 6 Ovarian Cancer 3

Chairs : University of Fukui Yoshio Yoshida
University of Tsukuba Toyomi Satoh

- IS-WS-11- 1. Histone Lysine Methyltransferase SETD8 as a potential candidate for treating high-grade serous ovarian cancer (HGSO)
Miku Wada (The University of Tokyo Hospital) et al.
- IS-WS-11- 2. A novel checkpoint molecule, neurotrophic factor X, is a promising immunotherapy target for ovarian cancer
Hiroshi Nishio (Keio University) et al.
- IS-WS-11- 3. Blood tumor mutational burden with comprehensive gene mutation profiling by CAPP-seq, a novel circulating tumor DNA liquid biopsy technique, in gynecological cancer
Naoyuki Iwahashi (Wakayama Medical University) et al.
- IS-WS-11- 4. Evaluation of the efficacy of uterine-preserving surgery for mucinous carcinoma of the ovary : Multi-center regional study
Shohei Iyoshi (Nagoya University) et al.
- IS-WS-11- 5. Comprehensive RNA sequencing analysis identifies the progression impact of epithelial-mesenchymal transition, hypoxic status, immunological regulation, and metabolism in ovarian clear cell carcinoma
Shiro Takamatsu (Kyoto University Hospital) et al.
- IS-WS-11- 6. A novel mechanism of cancer evolution and acquired diversity of epithelial ovarian cancer in the peritoneal ecosystem
Masato Yoshihara (Nagoya University) et al.
- IS-WS-11- 7. Cost effectiveness analysis of risk reducing salpingo-oophorectomy (RRSO) in preventing hereditary ovarian cancer
Wonkyo Shin (National Cancer Center, Korea) et al.

April 13 (Saturday) Room 11
Bldg.1, 3F : Conference Room 131+132

10 : 20~11 : 14

Group 12 Reproductive Endocrinology 2

Chairs : Nagoya City University Mayumi Sugiura
 Kanazawa University Hiroshi Fujiwara

- IS-WS-12- 1. Challenge of improving cytoplasmic function by pronuclear stage cytoplasmic transplantation of discarded cytoplasm from abnormally fertilized zygote
 Ayako Fujimine (Tohoku University Hospital) et al.
- IS-WS-12- 2. Genome-wide DNA methylation analysis of chorionic villi and decidua from karyotypically normal recurrent miscarriage
 Yosuke Matsumoto (Nagoya City University) et al.
- IS-WS-12- 3. Pathogenic mtDNA mutations are common in oocytes but eliminated in post-implantation development due to fetal demise
 Tomonari Hayama (Center for Embryonic Cell and Gene Therapy, Oregon Health & Science University, USA)
- IS-WS-12- 4. Hysteroscopic Tubal Occlusion Using Iso-Amyl 2-Cyano Acrylate in Patients with Hydrosalpinx
 Mohamed Amer (Ain Shams University of Egypt, Egypt) et al.
- IS-WS-12- 5. Intrauterine inflammatory response to Ureaplasma parvum in a mouse model of cervical-damage mediated ascending infection
 Ioannis Pavlidis (University of Edinburgh, UK) et al.
- IS-WS-12- 6. Unraveling the molecular mechanisms of PCOS-induced gravid uterine defects in rats
 Linus R Shao (The Sahlgrenska Academy, University of Gothenburg, Sweden) et al.

April 13 (Saturday) Room 12
Bldg.1, 3F : Conference Room 133+134

10 : 20~11 : 23

Group 13 Perinatology 4

Chairs : National Center for Child Health and Development Haruhiko Sago
 Mie University Tomoaki Ikeda

- IS-WS-13- 1. The efficacy of low-dose antenatal steroid therapy is dependent on the treatment to delivery interval
 Matthew Kemp (The University of Western Australia, Australia) et al.

- IS-WS-13- 2. The temporal tendency in the causal pathways of the neurological damage in infants after 35 weeks gestation : A regional population-based study
Koutarou Doi (University of Miyazaki) et al.
- IS-WS-13- 3. The utility of fetal lung intensity on MRI for the screening of neonatal functional pulmonary hypoplasia
Junya Sakuma (Toho University) et al.
- IS-WS-13- 4. Characteristics of fetal heart rate patterns and the perinatal outcome in 498 patients with intra-amniotic infection
Masanao Oohashi (Miyazaki Medical Association Hospital) et al.
- IS-WS-13- 5. Withdrawn
- IS-WS-13- 6. A novel deep learning based system for segmental detection of normal fetal cardiac ultrasound movie
Ryu Matsuoka (Showa University) et al.
- IS-WS-13- 7. Fetal myocardial growth assessment in the gestational period using velocity vector imaging
Noriko Natori (Iwate Medical University) et al.