## The 75th Annual Congress of the Japan Society of Obstetrics and Gynecology Award & Prize

## JSOG Congress Award

Session	Name	Title
IS-AC-01-1	Dr.Yamato Fukui(The University of Tokyo)	The EZH2-PRC2-H3K27me3 axis contributes to successful implantation by regulating endometrial differentiation for blastocyst invasion
IS-AC-01-2	Dr.Satoshi Hosoya(The Jikei University)	Novel therapeutic strategies for injured endometrium: Autologous intrauterine transplantation of menstrual blood derived cells from infertile patients
IS-AC-02-4	Dr.Kazuya Fuma(Nagoya University)	Maternal administration of antenatal corticosteroids alters subcortical brain volume in preterm infants at term-equivalent age: a study using auto-segmentation tool
IS-AC-02-5	Dr.Haruo Usuda(The University of Western Australia, Australia)	Maintenance of Extremely Preterm Ovine Fetuses for Two Weeks using an Artificial Placenta
IS-AC-02-6	Dr.Yosuke Matsumiya(University of Oxford,UK)	Increasing Cellular Placental Growth Factor (PIGF) using isolated mitochondria: A potential treatment for Fetal Growth Restriction (FGR)
IS-AC-03-1	Dr.Tomonari Hayama (Yokohama City University Medical Center)	Inappropriate Reprogramming Induce Carcinogenesis of Ovarian Embryonal Carcinoma in Rodent Ovary
IS-AC-03-3	Dr.Chinjui Wu(National Taiwan University Hospital, Taiwan)	Loss of LECT2 Promotes Ovarian Cancer Progression by Inducing Cancer Invasiveness and Facilitating an Immunosuppressive Environment
IS-AC-03-6	Dr.Jeeyeon Kim(Ajou university hospital,Korea)	Endometrial surveillance strategy for detection of tamoxifen-related uterine cancers

## JSOG Congress Encouragement Award

Session	Name	Title
IS-AC-01-3	Dr.Atsushi Yabuki(Nagoya University)	Can serum miRNA be used as a predictive biomarker for ovarian reserve post ovarian cystectomy in patients with ovarian endometriomas under perioperative dienogest treatment?
IS-AC-01-4	Dr.Maako Moriyama(Tottori University)	Role of Tenascin in the invasion of endometriotic lesions to the surrounding peritoneum
IS-AC-01-5	Dr.Zixin Xu(The University of Tokyo)	The role of cellular senescence in chemotherapy-induced primary ovarian insufficiency (POI)
IS-AC-01-6	Dr.Mariko Miyashita(The University of Tokyo)	Hypoxia induces proliferation via NOX4-mediated ROS generation and TGF-beta3 Pathway in Uterine Leiomyoma Cells
IS-AC-02-1	Dr.Aya Harada(Department of Clinical Application, CiRA, Kyoto University)	In utero transplantation has advantage in collagen VI expression over neonatal transplantation in Ullrich congenital muscular dystrophy model mice
IS-AC-02-2	Dr.Mayumi Takano(Toho University)	Intertwin imbalance of aldosterone levels in amniotic fluid with placental anastomoses in monochorionic twins: Insight into pathophysiology of twin-to-twin transfusion syndrome
IS-AC-02-3	Dr.Takashi Mitsui(Okayama University)	Protein Kinase C-mediated alteration of placental angiogenic and antiangiogenic factors in pregnant diabetic mice
IS-AC-03-2	Dr.Akimasa Takahashi(Shiga University of Medical Science)	Inhibition of necroptosis targets cancer stem cells in platinum-resistant recurrent ovarian cancer and inhibits their proliferation
IS-AC-03-4	Dr.Peixin Dong(Hokkaido University)	Long non-coding RNA TMPO-AS1 promotes GLUT1-mediated glycolysis and paclitaxel resistance in endometrial cancer cells by interacting with miR-140 and miR-143

## JSOG Congress Encouragement Award

Session	Name	Title
IS-AC-03-5	Dr.Satomi Hattori(Nagoya University)	Characterization of tumor-infiltrating lymphocytes according to ProMisE molecular classification in endometrial cancer
IS-WS-01-2	Dr.Yoshihide Inayama(Kyoto University)	Real-world data reveals that estrogen therapy is initiated in one-third of women receiving hormone replacement therapy in Japan
IS-WS-02-3	Dr.Ryosuke Uekusa(Nagoya University)	Copy Number Variation Status in Extracellular Vesicles for Predicting PARP inhibitor Therapy Response in High Grade Serous Ovarian Carcinoma
IS-WS-03-1	Dr.Saki Tsuchimochi(The University of Tokyo)	Characterization of a rapid, strong, and cell-specific cancer fluorescence imaging probe for ovarian clear cell carcinoma
IS-WS-04-1	Dr.Mahiru Kawano (Duke University Medical Center, USA)	Inhibition of granulosa cell death protects the ovarian reserve during DNA-damaging chemotherapy
IS-WS-05-1	Dr.Koh Nagata(Nagasaki University)	Elucidation of the mechanism of transplacental and horizontal HTLV-1 transmission using a novel cell-free infection system
IS-WS-05-7	Dr.Masahito Takakura(Kyoto University)	Prostacyclin stimulates the healing of ruptured fetal membranes
IS-WS-06-5	Dr.Hajime Ino(Nippon Medical School)	Interleukin-18: Inflammatory Mediator between Pregnant Uterus and Appropriate Fetal Growth
IS-WS-07-5	Dr.Elsherbini Elshal Mohammed (The University of Tokyo)	Negative impact of chronic exposure to endometriosis on perinatal outcomes in a mouse model
IS-WS-08-5	Dr.Eriko Yano(The University of Tokyo)	Delta angle of progression; a novel parameter to predict labor arrest requiring operative delivery in nulliparous women with epidural anesthesia
IS-WS-09-3	Dr.Yusuke Toyohara(The University of Tokyo)	A novel approach using squamous-columnar junction organoids to elucidate the cells of origin of human papillomavirus 18-associated uterine cervical cancer
IS-WS-10-5	Dr.Junki Imaizumi(Tokushima University)	Developmental changes of hypothalamic and serum oxytocin levels in prenatal normal nourished and undernourished rats
IS-WS-11-1	Dr.Akifumi Ijuin(Yokohama City University Medical Center)	Mitochondrial DNA mutations can influence the post-implantation chromosomal purification and development in human embryos
IS-WS-12-3	Dr.Tokumasa Suemitsu(Kameda Medical Center)	Telemedical home care of fetal growth restriction with mobile cardiotocography; Case series study
IS-WS-13-9	Dr.Emiko Oka(Osaka University)	Trend of treatment proportion and outcome for stage IB2 and IIB cervical cancer in Japan