

Poster Sessions

Poster viewing time (Hana B C D)

Sunday, September 11 10:00~10:30, 13:00~13:20 (Hana B C D)

Monday, September 12 10:00~10:30, 13:00~13:20 (Hana B C D)

- P-001 The influence of crowding on Leydig cell, weight gain, testosterone and cortisol levels in mice
○Maryam Ghasemi, Farzad Rajaei
Department Of Anatomy, Qazvin University Of Medical Sciences, Qazvin, Iran
- P-002 Identification of basic reprogramming factors associated with a pluripotent potential of *in vitro* cultured spermatic stem cells in domestic animals.
Sung-Min Kim¹, Mayako Fujihara^{1,2}, Sadeep Goel³, Mahesh Sahare¹, Naojiro Minami¹, Masayasu Yamada¹, ○Hiroshi Imai¹
¹Kyoto University, Kyoto, Japan, ²Smithsonian Coservation Biology Institute, Front Royal, Virginia, USA, ³Center for Cellular and Molecular Biology, Hyderabad, India
- P-003 Effect of diet contain sesame seed on the rat testis
Javad Amini mohabadi¹, ○Hassan Hassani Bafrani², Morad Pasha Eskandari Nasab¹, Mohammad Hossein Shahir¹, Hossein Nikzad³, Aliakbar Taherian⁴
¹Zanjan University, ²Anatomical Research Center, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran, ³Department of Anatomy & Embryology, Scientific Director of the IVF Lab, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran, ⁴Department of Anatomy & Embryology, Scientific Director of the IVF Lab, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran
- P-004 Analysis of Y chromosome microdeletions in Kashanian infertile males
○Mahnaz Torfeh¹, Hassan Hassani Bafrani², Ebrahim Sakhinia¹, Mahdi Rohani³
¹Department of Biochemistry and genetics, Faculty of Medicine, Tabriz University of Medical Sciences, ²Anatomical Research Center, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran. , ³Department of Bacteriology, Pasture Institute of Iran
- P-005 The usefulness of testicular sperm extraction with the Trucut biopsy needle
○Syuichi Iida, Masakuni Suzuki, Ikuo Tachibana, Sigetomo Takahashi, Takahiro Noda, Osamu Fuzii
M, Suzuki's Memorial Hospital
- P-006 An evaluation of the confounding effect of sperm abnormalities on pregnancy and implantation rates and miscarriage rates following in vitro fertilization-embryo transfer using sibling oocytes
○Jung K Choe, Jerome H Check, Theresa Jamison
UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept. OB/GYN, Div. Repro. Endo. & Infertility, Camden, NJ
- P-007 Testicular sperm retrieval using a new multiple-holes puncture needle
○Hong-Hua Wang, Li-Yi Cai, Hong-Ying Yu, Jing-Ying Xiang, Lin-Qing Hu, Xiao-Jin Zhou
Department of Reproductive Medicine, the Affiliated Wuxi Hospital for Maternal & Childers Health Care of Nanjing Medical University, China
- P-008 The impact of body mass index on sperm recovery and serum reproductive hormone levels in an infertility setting-An analysis of 445 azoospermic cases
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○Hatsuki Hibi¹, Tadashi Ohori¹, Yoshiaki Yamada², Yoshimasa Asada³
¹Kyoritsu General Hospital, Nagoya, Japan, ²Department of Urology, Aichi Medical University School of Medicine, ³Asada Lady's Clinic

- P-009 **The frequency of males with sperm with low hypoosmotic swelling test scores (which prevents morphologically normal embryos from implanting) in couples having in vitro fertilization-embryo transfer**
○Gabrielle Citrino, Jerome H Check, Jung K Choe, Ann DiAntonio
UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept. OB/GYN, Div. Repro. Endo. & Infertility, Camden, NJ
- P-010 **Effects of several culture conditions on the primordial germ cell proliferation**
○Zohreh Makoolati¹, Mansoureh Movahedin², Mehdi Forouzandeh-Moghadam³
¹Department of Anatomical sciences, Medical Sciences Faculty, Fasa University, Fasa, , ²Department of Anatomical sciences, Medical Sciences Faculty, Tarbiat Modares University, Tehran, Iran , ³Department of Biotechnology, Medical Sciences Faculty, Tarbiat Modares University, Tehran, Iran
- P-011 **Early development of *in vitro* aged eggs after intracytoplasmic sperm injection**
○Gaku Shimoi¹, Masato Hayashi¹, Yuichi Kameyama¹, Ryoichi Hashizume¹, Ken-ichi Kudoh², Masao Ito¹
¹Faculty of Bioindustry, Tokyo University of Agriculture, Hokkaido, Japan, ²School of Veterinary Medicine, Kitasato University, Aomori, Japan
- P-012 **One step closer to the development of a rapid bioassay to determine if adequate luteal phase progesterone supplementation is provided during in vitro fertilization-embryo transfer cycles**
○Ann DiAntonio¹, Jerome H Check¹, Maya D Srivastava², Rachael Cohen¹, Ebony Dix¹
¹UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept. OB/GYN, Div. Repro. Endo. & Infertility, Camden, NJ, ²Department of Medicine, Division of Allergy and Immunology, SUNY at Buffalo, Buffalo, NY
- P-013 **Effect of ovarian induction on the ultrastructure of corpus luteum during luteal phase at implantation period**
○Mandana Beigi Boroujeni¹, Nasim Beigi Boroujeni², Mojdeh Salehnia³, Elahe Marandi⁴, Sadegh Rezapour⁴, Masoud Beigi Boroujeni⁵
¹Department of Anatomy, School of Medicine, Lorestan University of Medical Sciences, Khorramabad, Iran, ²Department of clinical science, School of Veterinary Medicine, Shahid Bahonar University of Kerman, Kerman, Iran., ³Department of Anatomy, School of Medicine, Tarbiat Modares University, Tehran, Iran, ⁴School of Medicine, Lorestan University of Medical Sciences, Khorramabad, Iran, ⁵Department of Biology, School of Basic Science, Shahrekord University, Shahrekord, Iran
- P-014 **Autophagy in the ovarian granulosa cells**
○Eri Ishida, Hirohiko Tani, Miwa Shimizu, Akiyoshi Urano, Takakazu Saito, Hidekazu Saito
National Center for Child Health and Development, Department of Women's Health, Division of Reproductive Medicine and Infertility, Tokyo, Japan
- P-015 **The promoter -1031(T/C) polymorphism in tumor necrosis factor- α associated with polycystic ovary syndrome**
○Kwang-Hyun Baek¹, Ji-Hyun Yun¹, Jin-Woo Choi², Hyo Young Jeoung³
¹Department of Biomedical Science, CHA Stem Cell Institute, CHA University, CHA General Hospital, Seoul, Korea, ²St. Paul's School, Concord, NH, USA, ³Department of Obstetrics and Gynecology, CL Hospital, Gwangju, Korea
- P-016 **Association between INS-VNTR polymorphism and polycystic ovary syndrome in a Korean population**
○Bum-Chae Choi¹, Sang Jin Song¹, Ji-Hyun Yun², Bon-Hee Gu², Kwang-Hyun Baek²
¹Department of Obstetrics and Gynecology, CL Hospital, Gwangju, Korea, ²Department of Biomedical Science, CHA Stem Cell Institute, CHA University, CHA General Hospital, Seoul, Korea
- P-017 **Application of non-elective blastocyst culture**
Mengying Gao, ○Yanping Ma, Yonggang Li, Ze Wu , Lian Deng, Bo Deng
The Department of Reproduction and Genetics, Yunnan first people hospital, Kunming, P.R. China

- P-018 Oocyte activation with Ca ionophore A23187 and roscovitine for ovulated mouse oocytes to produce haploid parthenogenones
○Yuya Yano, Yuri Yamamoto, Yu Tanaka, Kenji Hinokio, Akira Kuwahara, Minoru Irahara
Department of Obstetrics and Gynecology, Institute of Health Biosciences, University of Tokushima Graduate School, Tokushima, Japan
- P-019 The Availability of Recombinant FSH (recFSH) in Minimum Ovarian Stimulation by the Deference of the Anti-Müllerian Hormone (AMH) Level
○Yuki Nagase¹, Miki Ikegami¹, Maiko Yoshioka¹, Tomijirou Nishihara¹, Mitsuru Usui², Toshiki Matsuura¹
¹Kaba Clinic Reproduction Center, Hamamatsu, Japan, ²Kyoritsu Juzen Hospital, Hamamatsu, Japan
- P-020 Results of 1027 office-based diagnostic hysteroscopies before IVF and evaluation the pregnancy and take home baby percentages between patients with normal and abnormal uterine findings.
Selcen Bahadir, ○Mujdegul. Z Karaca, Sertac Batioglu
Zekai Tahir Burak Women's Health Education and Research Hospital, Ankara, Turkey.
- P-021 Serum levels of macrophage inhibitory cytokine 1 (MIC 1) as a predictor of miscarriage in early pregnancy of women treated for repeated reproductive failures
○Daniela. N Baltadzhieva, Kalinka. L Penkova, Pepa. A Angelova, Meglena. M Metodieva
Center for Reproductive Health "Nadejda", Sofia, Bulgaria
- P-022 A drop in serum estradiol the day after human chorionic gonadotropin (hCG) shot does not adversely affect pregnancy rates per embryo transfer in women with very decreased oocyte reserve
○Ann DiAntonio, Jung K Choe, Jerome H Check
UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept. OB/GYN, Div. Repro. Endo. & Infertility, Camden, New Jersey
- P-023 Analysis of the limitations for the numbers of attempts of infertility treatment using ART.
○Hiroaki Shibahara, Tatsuya Suzuki, Kenro Chikazawa, Tomoe Ikeda, Yuki Hirano, Mitsuaki Suzuki
Department of Obstetrics and Gynecology, School of Medicine, Jichi Medical University
- P-024 The predictive value of AMH for ovary reserve and response during IVF-ET
○Xiaomei Zhang
The reproductive medicine center of Subei People's hospital
- P-025 Whether Day 3 FSH/LH ratios is a good predictor of IVF prognosis in GnRH antagonist protocol?
○K.H. Lee¹, J.D. Cho², H.G. Sun¹, S.K. Kim¹, J.H. Lee¹, Ilhae Park¹
¹Mamapapa&baby OB&GY, ²Ellemedi Infertility Clinic, Changwon, Gyoung Nam, republic of Korea
- P-026 Luteal blood flow in patients undergoing GnRH agonist long protocol
○Kumiko Mizumoto, Akihisa Takasaki, Maki Okada, Yuuko Sakaguchi, Katsunori Shimamura, Hitoshi Morioka
Saiseikai Shimonoseki Hospital, Yamaguchi, Japan
- P-027 Comparison of the effect of GnRHα long and short protocol in older women during IVF/ICSI

○Xun Zeng, Shangwei Li, Lang Qing, Xiaohong Li, Han Hu

Reproductive Medical Center of West China 2nd Hospital, Sichuan, China

P-028 Small amount of testosterone administration improves ovarian response to ovulation induction in poor responders

○Kohzo Aisaka¹, Haruko Hiraike¹, Hiroe Hyodo¹, Seiichiro Obata¹, Osamu Hiraike², Hironobu Hyodo²

¹Department of OB/GYN, Hamada Hospital, Tokyo, ²Department of OB/GYN, University of Tokyo, Japan

P-029 rFSH combined with uhMG had significantly increased pregnancy compared with rFSH alone undergoing ovarian stimulation following a long protocol in IVF

○K.H. Lee¹, J.D. Cho², H.G. Sun¹, I.H. Park¹, J.H. Lee¹, S.K. Kim¹

¹Mamapapa&baby OB&GY, ²Ellemedi Infertility Clinic, Changwon, Gyoung Nam, Republic of Korea

P-030 A comparison of pregnancy outcome in women with normal oocyte reserve according to the use of high or low dose follicle stimulating hormone (FSH) stimulation

○Gabrielle Citrino, Jerome H Check, Jung K Choe

UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept. OB/GYN, Div. Repro. Endo. & Infertility, Camden, NJ, US

P-031 The effects of laser assisted hatching on pregnancy rates

○Forouzan Absalan¹

¹Anatomical department, Jundishapoor university of medical sciences, Ahvaz, , ²Iranshiraz infertility and limited surgical center, Shiraz, Iran

P-032 Correlation between semen intracellular parameters and fertilization rates following ICSI

○Mina Sharbatoghli¹, Bita Ebrahimi¹, Mojtaba Rezazade Valojerdi¹

Embryology Department, Cell Sciences Research Center, Royan Institute, ACECR, Tehran, Iran

P-033 Whole ooplasmic transfer by direct injection method using Piezo driven system for prevention of mutated mitochondrial DNA transmission

○Akiko Yabuuchi¹, Noriko Kagawa¹, Kenji Ezoe¹, Chiemi Mori¹, Yuko Takayama¹, Masashige Kuwayama², Keiichi Kato¹, Fumihito Aono¹, Yuji Takehara¹, Osamu Kato¹

¹Advanced medical research institute of fertility, Kato Ladies Clinic, Shinjuku, Tokyo, 160-0023, Japan, ²Repro-support medical research center, Shinjuku, Tokyo, 160-0022, Japan

P-034 Elevation of the Risk of Monozygotic Twinning by Expanded Blastocyst Transfer

○Kazusuke Nagoshi

Nagoshi Ladies Clinic, Okayama, Japan

P-035 Evaluation of sperm chromatin integrity following IMSI or HBA for pre-ICSI sperm selection

○Satoshi Ueno, Kazuo Uchiyama, Keiichi Kato, Yuji Takehara, Osamu Kato

Kato Ladies Clinic, Tokyo, Japan

P-036 Differential effects of urinary and recombinant chorionic gonadotropin on oxidative stress responses in decidualizing human endometrial stromal cell.

○Takeshi Kajihara, Japarath Prechanich, Hidenoto Tochigi, Osamu Ishihara

Saitama Medical University, Saitama, Japan

- P-037 Heparin prevents programmed cell death induced by oxidative stress in human decidualized endometrial stromal cells
Takeshi Kajihara, ○Japarath Prechanich, Hidenoto Tochigi, Osamu Ishihara
Saitama Medical University, Saitama, Japan
- P-038 The role of 5'AMP-activated protein kinase (AMPK) in human endometrial stromal cells
○Yasushi Kawano, Sinya Karakida, Yufuko Utsunomiya, Hisashi Narahara
Oita University, Oita, Japan
- P-039 Pinopode Formation upon Progesterone, hCG, and Clomiphene Citrate treatment
M Kabir-Salmani, ○M Shahali
National Institute of Genetic Engineering and Biotechnology, Dept. Molecular Genetics, Tehran, Iran
- P-040 IS THERE ANY CORRELATION OF UTERUS POSITION AND DEPTH EMBRYO TRANSFER ON PREGNANCY RATE IN IVF
○Agus Supriyadi
Harapankita hospital, Republic of Indonesia
- P-041 Influence of antisperm antibodies (ASA) on the outcome of infertility treatment
○Yasufumi Shimizu, Takeshi Yorimitsu, Hiroshi Motoyama, Motohiro Ohara, Toshihiro Kawamura
Denentoshi Ladies Clinic, Kanagawa, Japan
- P-042 The effect of ovarian stimulation on expression level of E-cadherin, Leukemia inhibitory factor, Progesterone receptor and $\alpha\beta3$ Integrin genes in mouse blastocysts
○Bahar Movaghar, Saeedeh Askarian
Royan Institute for Reproductive Biomedicine, ACECR, Tehran, Iran
- P-043 Usefulness of elective single blastocyst transfer in the first treatment cycle for infertile women aged less than 35.
○Hiroaki Shibahara, Shoko Hashimoto, Shiho Nagayama, Kazuhiko Shimada, Tatsuya Suzuki,
Mitsuaki Suzuki
Department of Obstetrics and Gynecology, School of Medicine, Jichi Medical University, Tokyo, Japan
- P-044 A Summary of The clinical outcome of minimal stimulation IVF/ ICSI
Yan Ping Ma, Ze Wu, Bo Deng, ○Yonggang Li
Department of Reproduction and Genetics, Reproductive Medicine Centre, The First Peoples Hospital of Yunnan Province, Kunming, China
- P-045 Ovarian Response and Reserve Evaluation in consecutive IVF/ICSI-ET cycles
○Mujdegul Karaca, A. Sertac Batioglu, Murat Ozel, Selcen Bahadir, Simla Karaca, Beril Gurlek
Dr ZTB Women's Health Hospital, Ankara, Turkey
- P-046 Our 11-year experience with sperm cryopreservation for patients with malignant disease

○Syuichi Iida, Masakuni Suzuki, Kazuhiro Hirayama, Ikuo Tachibana, Masahiro Katou, Kouhei Tanaka

M. Suzuki's Memorial Hospital, Miyagi, Japan

P-047 A Successful pregnancy and live birth after intracytoplasmic sperm injection with cryopreserved limited numbers of spermatozoa stored in the practical container

○Yuji Endo, Yoshitaka Fujii, Hiroaki Motoyama

Kurashiki Medical Clinic, Okayama, Japan

P-048 An evaluation of a modified slow cool cryopreservation technique and the efficacy of a graduated estrogen regimen vs. natural cycles on pregnancy rates following frozen embryo transfer

○Jung. K Choe, Jerome H Check

UMDNJ, Robert Wood Johnson Med. School at Camden, Cooper Hosp./Univ. Med. Cntr., Dept OB/GYN, Div. Repro. Endo. & Infertility, Camden, New Jersey

P-049 The effect of vitrification on Histone Modification of regulatory regions of H19, Igf2 and Mest imprinted genes in mouse embryo

○Bahar Movaghar¹, Saeideh Sahraei¹, Maryam Shahhoseini², Ali Farrokhi³

¹Department of Embryology, Royan Institute for Reproductive Biomedicine, ACECR, Tehran, Iran, ²Department of Genetics, Royan Institute for Reproductive Biomedicine, ACECR, Tehran, Iran, ³Department of Stem Cell, Royan Institute for Reproductive Biomedicine, ACECR, Tehran, Iran

P-050 Withdrawn

P-051 Which is more effective for pregnancy freezing embryos: in day-2, day-3 stage or blastocyst?

○Tomio Sawada, Kaori Yoshikai, Sayumi Hori

The sawada women's clinic Nagoya reproduction center, Aichi, Japan

P-052 Highest liquid nitrogen quality for vitrification process : Micro bacteriological filtration of LN2

Ana Cobo¹, ○Damia Castello², B Weiss³, C Vivier⁴, Angel De La Macorra⁵, F Kramp⁶

¹IVI clinica de Fertitidad, Valencia, Spain, ²IVI clinica de Fertitidad, ³Air Liquide Head Office Industrial Merchant, ⁴Air Liquide Sante International, ⁵Air Liquide Medicinal, ⁶Soprod S.A.S., Quai du canal

P-053 Comparing developmental potential and ultra structure of human blastocysts after re-vitrification

○Mansoureh Movahedin¹, Zahra Alamolhoda², Nasim Ghorbanmehr^{1,2}, Mojgan Moradkhani³

¹Tarbiat Modares University, Tehran, Iran, ²Shayamehr IVF Center, Tehran, Iran, ³Khatamolanbia Hospital, Tehran, Iran

P-054 Examination of blastocyst transfer after pronucleate embryos were slowly freeze-thawed

○Hiroei Ohhashi, Yukio Ohmomo, Osamu Arakawa

Arakawa Ohmomo Angel Mother Clinic, Niigata, Japan

P-055 5'-(N-Ethylcarboxamido) adenosine (NECA) improves angiogenesis in transplanted human ovarian tissue: potential for fertility preservation

○Maryam Hormozi¹, Saeed Talebi², Amir Hassan Zarnani^{3,4}, Mahmood Jeddi-Tehrani⁵, Ladan Hosseinigohari⁶, Mohammad Mehdi Akhondi²

¹Biochemistry Department, Lorestan university of medical sciences, Khorramabad, Iran, ²Reproductive Biotechnology Research Center, Avicenna Research Institute, (ACECR), Tehran, Iran, ³Nanobiotechnology Research Center, Avicenna Research Institute, (ACECR), Tehran, Iran, ⁴Immunology Research Center, Tehran University of Medical Sciences, Tehran, Iran, ⁵Monoclonal Antibody Research Center, Avicenna Research Institute, (ACECR), Tehran, Iran, ⁶Biochemistry Department, Tehran university of Medical Sciences, Tehran, Iran

P-056 Assessing risks of birth defects in ART babies

○Coralia V. Stefanescu, Ion M Rusa, George Costea, Lenuta Malcea
Euromaterna Hospital, Constanta, Romania

P-057 Two cases of ovarian abscess after oocyte retrieval

○Aki Oride, Haruhiko Kanasaki, Kohji Miyazaki

Shimane University School of Medicine, Shimane, Japan

P-058 An experience of an infertility treatment for a woman with benign metastasizing leiomyoma

○Tsuyoshi Hashiba, Toshio Hamatani, Naoaki Kuji, Kou Sueoka, Yasunori Yoshimura

Keio University School of Medicine, Tokyo, Japan

P-059 A Transgenic Mouse Model of Breast Cancer Using tissue specific MMTV Promoter

○Maryam Shahali^{1,2}, Ehsan Ranaei¹, Shams-Ara Mahdi¹, Javad Mowla², Maryam Kabir-Salmani¹, Karim Nayernia³

¹National Institute of genetic engineering and Biotechnology, Tehran, Iran & Tarbiat Modares University, Tehran, Iran, ²Tarbiat Modares University, Tehran, Iran, ³GENOCELL CO.

P-060 Effect of genistein administration on intratesticular testosterone level and spermatogenesis in rats treated with busulfan

○Heejun Chi, Kangwoo Cheon, Jonghyun kim, Giyoung Kim, Jaeseok Lee, Sungil Roh

i-Dream Center, Mizmedi Hospital, Seoul, Korea

P-061 The role of Doppler in predicting endometrial thickness, pattern and blood flow in infertile women undergoing IVF cycle in a tertiary care institute

○Anupama Bahadur, Neeta Singh, Neena Malhotra, Ashok Bhatt, Suneeta Mittal

All India Institute of Medical Sciences, New Delhi, India

P-062 Reduced blastocyst formation rate in women in advanced reproductive age with high Anti-Mullerian hormone level

○Takahiro Noda, Shinako Hashimoto, Mitsuru Iwamoto, Syuichi Iida, Kohei Tanaka, Masakuni Suzuki

Suzuki Memorial Hospital, Miyagi, Japan

P-063 Effects of salpingectomy on ovarian response in controlled ovarian hyperstimulation for in vitro fertilization: a reappraisal

○Israel Wagman¹, Benny Almog^{1,2}, Ishaï Levin¹, Gali Barkn¹, Dina Kovalsky¹, Togas Tulandi²

¹Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel., ²Department of Obstetrics and Gynecology, McGill University, Montreal, Quebec, Canada

P-064 Semen analysis and evaluation of ICSI outcome in patients infected with hepatitis B virus

○Mounir Ajina¹, Neila Hannachi², Khaled Youssef², Souhir Mehri¹, Jalel Boukadida², Ali Saad³

¹Unit of reproductive Medicine, University Hospital Fahat Hached, Sousse, Tunisia, ²Laboratory of Bacteriology, University Hospital Farhat.Hached, Sousse, Tunisia, ³Laboratories of Cytogenetic, Molecular Biology and Human Biology of Reproduction, Farhat Hached Hospital, Sousse, Tunisia.

P-065 Effect of Chemotherapy on Spermatogenesis in Testicular Cancer Patients

○Miki Fuse¹, Takashi Imamoto¹, Takanobu Utsumi¹, Takumi Endo², Naoki Nihei¹, Tomohiko Ichikawa¹

¹Department of Urology, Graduate School of Medicine, Chiba University, Chiba, Japan, ²Department of Urology, Toho University Sakura Medical Center, Chiba, Japan

P-066 Reproductive outcomes following laparoscopic myomectomy in patients with infertility

○Kohei Tanaka, Masakuni Suzuki

M. Suzuki Memorial Hospital, Miyagi, Japan

P-067 The role of CINC/gro in the rat ovulatory process

○Yu Tanaka, Akira Kuwahara, Yuya Yano, Yuri Yamamoto, Kenji Hinokio, Minoru Irahara

Department of Obstetrics and Gynecology, The University of Tokushima, Institute for Health Biosciences, Tokushima, Japan

P-068 A Commercially Available Dual-Buffered IVF Handling Medium Containing HEPES and MOPS Maintains Stable pH and Supports Human Sperm Survival, Normal Fertilization Following ICSI and Embryo Development

○Jason E Swain¹, Marlane Angel², Nadir Cira³, Juergen Liebermann⁴, Thomas Pool⁵

¹University of Michigan, Ann Arbor, MI, ²Laurel Fertility Care, San Francisco, CA, USA, ³Bacchi IVF Center, Istanbul, Turkey, ⁴Fertility Center of Illinois, Chicago, IL, USA, ⁵Fertility Center of San Antonio, San Antonio, TX, USA

P-069 Development of Mouse and Human Embryos in a Low Humidity Incubator

○Chiemi Mori, Tadashi Okimura, Fumihito Aono, Yuji Takehara, Osamu Kato

Kato Ladies Clinic, Tokyo, Japan

P-070 Contribution of oocyte and embryo cleavage quality in obtaining blastocysts

○Mounir Ajina¹, Sonia Jallad¹, Souhir Mehri¹, Sawsen Meddeb², Hedi Khairi², Ali Saad³

¹Unit of reproductive Medicine. University Hospital Farhat.Hached, Sousse, Tunisia, ²Department of Obstetrics and Gynaecology, University hospital Farhat.Hached, Sousse, Tunisia., ³Laboratories of Cytogenetic, Molecular Biology and Human Biology of Reproduction Farhat Hached Hospital, Sousse-Tunisia

P-071 Involvement of first cytokinesis on gene expression at blastocyst stage

○Satoshi Sugimura, Tadayuki Yamanouchi, Yutaka Hashiyada, Eiji Kobayashi, Kei Imai

National Livestock Breeding Center, Fukushima, Japan

P-072 Zona-free oocyte formed a one pronucleus zygote following piezo intracytoplasmic sperm injection can subsequently develop to the blastocyst in micro-well culture system. (Case Report)

○Xinzhi Yang, Akina Takamura, Emi Fukunaga, Tomoyo Kusuda, Shinichiro Okano, Masayuki Kinutani

Kinutani Women's Clinic, Hiroshima, Japan

P-073 A CUMULATIVE EMBRYO SCORING SYSTEM USED TO PREDICT PREGNANCY OUTCOME

○Yoon Jeong Choi, Jung Ho Kim, Chan Park, Kwang Rae Kim, Sung il Roh, Hee Jun chi

i-Dream Center, Mizmedi Hospital, Seoul, Korea

P-074 Cytoplasmic halo as an additional indicator to predict the quality of the results of IVF and ICSI embryos

○Devi Natalia, Harris Harlianto, Sintya Jatnikasari, Tono Djuwantono, Wiryawan Permadi

Aster Clinic, RS.Hasan Sadikin, Bandung, Indonesia

P-075 Withdrawn

- P-076 **Effects of L/D stimuli and the circadian clock on reproductive physiology in female mice**
○Tomoko Amano¹, Juergen Ripperger², Urs Albrecht²
¹Kinki University, Japan, ²Dep. of Medicine, Div. of Biochemistry, University of Fribourg
- P-077 **Numbers of CGG repeats on the FMR1 gene in Japanese patients with premature ovarian insufficiency**
○Naoki Okamoto, Naomi Hamada, Yodo Sugishita, Nobuhito Yoshioka, Noriyuki Takahashi, Bunpei Ishizuka
Department of Obstetrics and Gynecology, St. Marianna University School of Medicine
- P-078 **Genetic analysis of spermatozoa in four infertile patients with macrocephalic sperm head syndrome**
○Ghaya Merdassi^{1,2}, Pierre Ray³, Meriem Chaabouni⁴, Nedja Memmi¹, Fethi Zhioua¹, Amel Zhioua¹
¹IVF Center, Aziza Othmana Hospital, Tunisia, ²Faculty of pharmacy, Monastir, Tunisia, ³Department of genetic and procreation, Tronche Hospital, Grenoble, France, ⁴Department of human genetic, Charles Nicolle Hospital, Tunisia
- P-079 **Gene Expression Profiling of Karyotypically Normal, Trisomy 12 and XXY Human Embryonic Stem Cells**
Hye Won Seol¹, ○Sun Kyung Oh^{1,2}, Baik Seol Cho², Kyung Eui Park², Young Min Choi^{1,2}, Shin Yong Moon^{1,2}
¹Institute of Reproductive Medicine Population, Medical Research Center, Seoul National University College of Medicine, ²Department of Obstetrics and Gynecology, Seoul National University College of Medicine, Seoul 110-799, Korea
- P-080 **Effect of dibutyryl cAMP during in vitro maturation on the developmental competence of bovine oocytes after ICSI**
○Chikako Kani^{1,2}, Tomohisa Wada², Akiko Kuwahata², Masanori Ochi², Toshitaka Horiuchi¹
¹Graduate School of Comprehensive Scientific Research, Prefectural University of Hiroshima, Hiroshima 727-0023, Japan, ²Ochi Yume Clinic Nagoya, Aichi, Japan
- P-081 **Androstenedione induces abnormalities in morphology and function of developing oocytes, which impairs oocyte meiotic competence**
○Wataru Tarumi¹, Sanae Tsukamoto¹, Yuki Okutsu¹, Noriyuki Takahashi¹, Masanori T Itoh², Bunpei Ishizuka¹
¹Department of Obstetrics and Gynecology, St. Marianna University School of Medicine, Kanagawa, Japan., ²Department of Biology, College of Liberal Arts and Sciences, Tokyo Medical and Dental University, Ichikawa, Chiba 272-0827, Japan.
- P-082 **Preimplantation genetic diagnosis for spinal muscular atrophy using mini-sequencing and genetic linkage analyses at the blastocyst stage**
○Chia-Cheng Hung^{1,2}, Shee-Uan Chen³, Shin-Yu Lin^{3,4}, and Yi-Ning Su^{1,2,4}
¹Graduate Institute of Clinical Genomics, National Taiwan University College of Medicine, Taipei, Taiwan², Department of Medical Genetics, National Taiwan University Hospital, Taipei, Taiwan, ³Department of Obstetrics and Gynecology, National Taiwan University Hospital, Taipei, Taiwan, ⁴Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan
- P-083 **Preimplantation Genetic Diagnosis (PGD) for translocation carrier with mild stimulation and single vitrified blastocyst transfer : Case Report**
○Aoyama N., Takehara Y., Kawachiya S., Kuroda K., Kawasaki N., Yamadera R., Kato K., Kato O.
Kato Ladies Clinic, Tokyo, Japan
- P-084 **Noninvasive morphological examination for germinal vesicle oocytes predict their maturity process of completing**
○Tsuyoshi Okubo
Shimbashi Yume Clinic

P-085 hCG is critical for the uterine decidual response in mice

○Hiroomi Kawano¹, Kenji Ezo¹, Noriko Kagawa¹, Akiko Yabuuchi¹, Keiko Ochiai², Hiroshi Nagashima², Hisao Osada¹, Fumihito Aono¹, Yuji Takehara¹, Osamu Kato¹

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P-086 Cytogenetic study in early spontaneous abortion after IVF and ICSI

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P-087 Day 7 β -hCG level after frozen-thawed blastocyst transfer can be a predictor for pregnancy outcomes?

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