

Abstracts of Posters

	Page
P001 Menarche age in teenagers: survey of girls born between 1985 and 1989 in Babol (Northen IRAN) <i>Mouloud Agajani Delavar, Masomeh Nadernataje (Iran)</i>	51
P002 Psychological involvement in Japanese infertile women <i>Matsubayashi H, Hosaka T, Shida M, Suzuki T, Izumi S-I, Makino T (Japan)</i>	52
P003 Neurogenic participation in the experimentally induced ovarian dysfunction is relieved by an herbal formula <i>Kim JW, Pak SC, Lim SC, Yoo KJ, Noh JS, Choi SM, Seo EJ, Choi BC. (Korea)</i>	53
P004 Apoptosis in maternal-fetal interface may affect the fetal survival during early pregnancy <i>Lee JA, Lee KH, Baek K-H, Yang KM, Jun YS, Choi BC, Kim JW. (Korea)</i>	54
P006 The correlation between the duration second stage of labor and the newborn Apgar score in primigravida women admitted in Fatemeh Zahra hospital (Sari-1999-2000). <i>Fatemeh Nasiri Amiri Msc, Shafizadeh Hassanai, Mohammadpour Mohamadali (Iran)</i>	55
P007 Transfer of vitrified embryos in consideration of implantation window <i>Hirai K, Sato A, Tomonaga H, Sato C, Kido K, Kumon M, Otsu E, Kumasako Y, Nagaki M, Araki Y (Japan)</i>	56
P008 Outcome of ICSI in non-male factor infertility <i>Kido K, Tomonaga H, Sato A, Sato T, Kumon M, Hirai K, Otsu E, Kumasako Y, Nagaki M, Araki Y, Utsunomiya T (Japan)</i>	57
P009 The influence on couples treated with multifetal pregnancy reduction <i>Jitsuzaki M, Utsunomiya T, Sashiyama M, Kiyohara A (Japan)</i>	58
P010 Successful pregnancy with short term metformin therapy for PCOS patient <i>Satoshi Kawachiya, Takashi Shoda, Kiyoshi Sato, Hajime Yoshihara, Hidekazu Saito, Tsutomu Ono (Japan)</i>	59
P011 Effect of retinoic acid on the inner cell mass in mouse blastocysts <i>Huang F.J, Hsuuw Y.D, Chang S.Y, Kang H.Y, Huang K.E. (Taiwan)</i>	60
P012 Low dose and early discontinuation of gonadotropin-releasing hormone agonist for controlled ovarian hyperstimulation in <i>in vitro</i> fertilization program <i>Lee S.L, Tsai I.W, Su J.H. (Taiwan)</i>	61
P013 When should the cryopreserved pronuclear stage embryos be transferred in ovulated cycle? <i>Kobayashi T, Yamashita N, Kato O (Japan)</i>	62

	Page
P014 Effects of adenosine A1 receptor antagonist and phosphodiesterase type 4 inhibitor on sperm fertilizing capacity	63
<i>Fujie M., Kasai T., Wada M., Mizuno K., Nagai S., Susuki K., Hirata S., Hoshi K. (Japan)</i>	
P015 Oxidation-reduction reaction and zona-binding ability in mouse spermatozoa treated with reduced glutathione	64
<i>Mizuno K., Hirata S., Kasai T., Fujie M., Suzuki K and Hoshi K (Japan)</i>	
P016 The effect of repeated and time of administration of clomiphene citrate on the endometrium in patients undergoing intrauterine insemination	65
<i>Wada M., Kasai T., Ogawa K., Mizuno K., Nagai S., Uchida U., Ohta S., Fujie M., Suzuki K., Hirata S., Hoshi K (Japan)</i>	
P017 Elucidation of signaling pathways of GnRH II in extravillous cytotrophoblasts	66
<i>Chou C.S., MacCalman, C.D., Leung C.K. (Canada)</i>	
P018 Pinopodes and progesterone receptors in abnormally thin endometrium	67
<i>Azumaguchi A., Kanazawa T. (Japan)</i>	
P019 Heterotopic multiple pregnancy after assisted reproduction---A case report	68
<i>Tsai F.P., Chen C.W., Lin J.C. (Taiwan)</i>	
P020 The morphological changes of acrosome and sperm nucleus in the ooplasm after intracytoplasmic sperm injection in pigs	69
<i>Katayama M., Imano A., Ueda Y., Koshida M., Miyake M. (Japan)</i>	
P021 Evaluation of sperm inserted mouse oocytes using sperm that failed to fertilize by intracytoplasmic sperm injection.	70
<i>Araki Y., Yoshizawa M., Abe H., Murase Y and Araki Y (Japan)</i>	
P022 Improvement of fecundability by treatment of asymptomatic endocervical leukocytosis	71
<i>Ou MC (Taiwan)</i>	
P023 Which ovarian stimulation protocol is the most appropriate for IVF-ET patients aged 40 years and above?	72
<i>Yamashita N., Kobayashi T., Okuno T., Kaijima H., Teramoto S., Kato O. (Japan)</i>	
P024 Association of a single nucleotide polymorphism of the DAZL gene with susceptibility to spermatogenic failure	73
<i>Kuo P.L., Hsu C.C., Teng Y.N., Lin Y.M. (Taiwan)</i>	
P025 Taiwanese infertile patients' psychosocial needs during the process of infertility treatment : A survey study	74
<i>Yii-Nii Lin, Yung-Chieh Tsai, Chieh-Yi Kang, Ming-Ting Chung, Kuo-Feng Huang (Taiwan)</i>	

	Page
P026 The correlation between Taiwanese infertile patients' perceived self-control and life satisfaction during the process of infertility treatment	75
<i>Chieh-Yi Kang, Yung-Chieh Tsai, Ming-Ting Chung, Kuo-Feng Huang, Yii-Nii Lin, (Taiwan)</i>	
P027 An investigation about the re- tuba occlusion of after the operation by falloposcopic tuboplasty catheter system (FT catheter system)	76
<i>M. Mukobayashi, A. Mituhashi, I. Tuji, H. Hoshiai (Japan)</i>	
P029 A novel technology for human embryo biopsy in preimplantation genetic diagnosis	77
<i>Chang C.Y, Lin Y.C, Kung F.T, Huang F.J, Chang S.Y. (Taiwan)</i>	
P031 Effectiveness of Trucut biopsy needle on testicular sperm extraction (TESE) and the outcomes of TESE-ICSI	79
<i>Iida S, Tanaka K, Murakawa H, Ishida T, Sagara M, Takahashi S, Tatibana I, Suzuki M. (Japan)</i>	
P032 The influence of insemination/injection time on fertilization rate, embryo quality, pregnant outcome after IVF and ICSI	80
<i>Ho Y.P., Chen M.J., Yi Y.C., Guu H.F., Ho E.S. (Taiwan)</i>	
P033 The distinction between paternally and maternally contribution to the tripronuclei in human zygotes	81
<i>Jin-Tsung Su, Yi-Chun Tsai, Yu-Fen Chih, Ming-Huei Lin, Yuh-Ming Hwu, Robert Kuo-Kuang Lee (Taiwan)</i>	
P034 A remote control device for hysterosalpingography (HSG) --- An easier and safer procedure with compatible results	82
<i>Su W.H. (Taiwan)</i>	
P035 A new approach to assisted hatching by zona pellucida thinning with laser over large area: The primarily experience in MMH	83
<i>Jin-Tsung Su, Yi-Chun Tsai, Yu-Fen Chih, Ming-Huei Lin, Yuh-Ming Hwu, Robert Kuo-Kuang Lee (Taiwan)</i>	
P036 A comparison of vitrified mice blastocysts with open pull straw and cryoloop	84
<i>Yu-Fen Chih, Jin-Tsung Su, Yi-Chun Tsai, Ming-Huei Lin, Yuh-Ming Hwu, Robert Kuo-Kuang Lee (Taiwan)</i>	
P037 Quantification of ovarian Doppler signal in hyperresponders during in vitro fertilization treatment using three-dimensional power Doppler ultrasonography	85
<i>Pan Hsien-An, Hung Kuei-Hsiang, Wu Li-Hsiang, Hsu Chi-Chuan, Chang Fong-Ming (Taiwan)</i>	

	Page
P038 Identification and isolation of differentially expressed genes from mouse oviduct in early pregnant stage and the discovery of a novel gene	86
<i>Ting-Cheng Su, Chung-Hao Lu, and Robert Kuo-Kuang Lee (Taiwan)</i>	
P039 Successful pregnancy in congenital vaginal stenosis using bilateral Y-V advancement flaps vaginoplasty: A case report and literatures review	87
<i>Tsai C.C., Cheng M.H., Chang P.C. (Taiwan)</i>	
P040 Fewer metaphase II oocytes after stimulation with recombinant FSH than urinary FSH in the pituitary down-regulation regimen	88
<i>Kuo-Chung Lan, Yi-Chi Lin, Fu-Jen Huang, Fu-Tsai Kung, Chin-Hsiung Hsieh, Shiuh Young Chang (Taiwan)</i>	
P041 Application of ovarian reserve tests for women with infertility and prediction of one-year pregnancy rates	89
<i>Ming-Yang Chang, Chi-Shing Shiao, Chi-Shing Chiang, Hong-Chi Ho, T'sang-T'ang Hsieh (Taiwan)</i>	
P042 Influential factors of ovarian reserve parameters in different etiology of infertility	90
<i>Tzu-Wei Liao, Ming-Yang Chang, Chi-Shing Shiao, Chi-Shing Chiang, Hong-Chi Ho, T'sang-T'ang Hsieh (Taiwan)</i>	
P043 In vivo maturation and in vitro fertilization after cryopreserved mouse ovaries and subcutaneous autotransplantation	91
<i>Chung-Hao Lu, Hsin-Yi Ho, Robert Kuo-Kuang Lee (Taiwan)</i>	
P044 Estradiol (E2) level on day 9 as a predictor of patients with high risk of ovarian hyperstimulation syndrome (OHSS) during controlled ovarian hyperstimulation (COH) program in IVF cycles	92
<i>Hsin-Yi Ho, Ming-Huei Lin, Yuh-Ming Hwu, Robert Kuo-Kuang Lee (Taiwan)</i>	
P045 Influence of human follicular fluid and its components on the development of embryos	93
<i>Guu H.F., Yi Y.C., Young S.C., Chen M.J. (Taiwan)</i>	
P046 Bacterial colonization of the endocervix probably affects pregnancy outcome in IVF/ICSI treatment	94
<i>Chen M.J., Guu H.F., Yi Y.C., Young S.C., Chen L.C. (Taiwan)</i>	
P047 Increased pregnancy rates (PR) following ovulation induction (OI) and intrauterine insemination (IUI) in patients with minimal or mild endometriosis treated with depot GnRHα	95
<i>Wang R.S., Yang P.S., Au H.K., Sheen T.C., Tzeng C.R. (Taiwan)</i>	
P048 Comparison of two ovulation induction protocols in intrauterine insemination treatment cycles for polycystic ovarian syndrome-related infertility: A retrospective study	96
<i>Yang PS, Wang RS., Cheng YF, Kuo SH, Tzeng CR (Taiwan)</i>	

	Page
P049 The ratio of day 2 and day 7 serum concentrations of inhibin B as a predictor of the outcome of <i>in-vitro</i> fertilization	97
<i>Shao Ping Weng, Wen Tsung Lee, Yi Chih Chu, Ta Chin Lin, Tsung Cheng Kuo (Taiwan)</i>	
P050 Intrauterine balloon tamponade in the management of intractable uterine bleeding	98
<i>Hsieh T.B., Yu M.S. (Taiwan)</i>	
P051 The effect of fallotein (PDGF-C) on neo-vascular development. A study based on adenovirus mediated gene transfer toward autograft ovarian tissue	99
<i>Yow-Heng Chen, Winston Teng-Kuei Cheng, Chung-Hao Lu, Robert Kuo-Kuang Lee (Taiwan)</i>	
P052 Implantation of human preantral follicle into SCID mice in matrigel ---- A preliminary report	100
<i>Yung-Chieh Tsai, Jyuer-Ger Yang, Pi-hsueh Shirely Li (Taiwan)</i>	
P053 Correlation between time of administration and antiestrogenic effects of clomiphene citrate on reproductive end organs	101
<i>Mina Jafarbadi (Iran)</i>	
P054 Pregnancie following use of metformin for ovulation induction in polycystic ovarian syndrome	102
<i>Mina Jafarbadi (Iran)</i>	
P055 Observation of meiotic spindles of MII oocytes before and after vitrification and thawing	103
<i>Chen C.K., Wang C.W., Horng S.G., Huang H.Y., Wang H.S., Soong Y.K. (Taiwan)</i>	
P056 Repeated ovarian superovulations induce mitochondrial DNA mutation and oxidative damages in mouse ovaries	104
<i>Shu-Yu Lee, Tein-Ling Liao, Chii-Ruey Tzeng, Shu-Huei Kao (Taiwan)</i>	
P057 Oxidative stress induce endometriosis progression	105
<i>Hsieng-Chiang Huang, Tein-Ling Liao, Hsiang-Tai Chao, Chii-Ruey Tzeng, Shu-Huei Kao (Taiwan)</i>	
P058 Successful vitrification of human embryos by minimum volume cooling method	106
<i>M. Kuwayama, O. Kato (Japan)</i>	
P059 Ovarian stimulation by clomiphene citrate and human menopausal gonadotropin in combination with 2.5 mg Citreorelix for male-factor infertility	107
<i>Hwang JL, Lin YH, Hsieh BC, Huang SC, Hsieh ML, Chen CY, Chen PS (Taiwan)</i>	
P060 Recurrent spontaneous abortion in IVF treatment ----A case report of mosaic turner's syndrome	108
<i>Ming-Ting Chung, Yung-Chieh Tsai, Liang-Yin Lin, Yen-Hsiang Sung, Ting-Fang Tsai, Yi-Ting Tsai (Taiwan)</i>	

	Page
P061 A comparison of blastocyst hatching rate between quarter, semi-, thin and total laser assisted hatching in mouse	109
<i>Huang C.C., Chen S.H., Chen C.I., and Lee M.S. (Taiwan)</i>	
P062 The mitochondrial DNA content in good quality human embryos is more than that in poor quality embryos in IVF	110
<i>Lee M. S., Wu H. M., Chen C. I. and Huang C. C. (Taiwan)</i>	
P063 Higher fragmented DNA and inactive mitochondria in spermatozoa of OAT patients	111
<i>Lee M.S., Tsao H.M., Wu H.M., Chen C.I. and Huang C.C. (Taiwan)</i>	
P064 Septate uterus with partial longitudinal vaginal septum diagnosis by combined use of sonography, MR imaging and laparoscopy	112
<i>Chung-Chang Shen, Te-Yao Hsu, Fu-Jen Huang, Cheng-Chung Liu, Shiuh-Young Chang (Taiwan)</i>	
P065 Could MRI replace laparoscopy in the workup of women with mullerian anomalies?	113
<i>Chung-Chang Shen, Te-Yao Hsu, Fu-Jen Huang, Cheng-Chung Liu, Shiuh-Young Chang (Taiwan)</i>	
P066 A protocol of electroejaculation and systematic assisted reproductive techniques achieved high efficiency and efficacy for pregnancy for anejaculatory men with spinal cord injury	114
<i>Shee-Uan Chen, Jeng-Yi Shieh, Yen-Ho Wang, Hong-Chiang Chang, Hong-Nerng Ho, Yu-Shih Yang (Taiwan)</i>	
P067 Effects of coping patterns and social support on treatment-related distress for women on different stages of the assisted reproductive technology	115
<i>Wang Y.H., Hsu C. C., Tsai Y. C. (Taiwan)</i>	
P068 The impact of sperm chromatin structure, sperm intracellular calcium level and acrosome reaction with sperm-oocyte penetration.	116
<i>Hsiao-Ching Weng, Sue-Joan Chang, Chao-Chin Hsu, Sonam Dojee, Shio-Jen Lee, Yi-Jun Chen (Taiwan)</i>	
P069 The role of interleukin-18 and interleukin-18 receptor expression in human endometrium	117
<i>Huang H.Y., Chan S.H., Pan H.M., Wu H.M., Lai C.H., Soong Y.K. (Taiwan)</i>	
P070 Differential expression and degradation of extracellular matrix in women with endometriosis before and after gonadotropin-releasing hormone analog therapy.	118
<i>WC Lee, CR Tzeng, WC Yang. (Taiwan)</i>	
P071 Adenosine triphosphate activates caspases and induces apoptosis in human granulosa-luteal cells	119
<i>Tai C.J., Chang S.J., Leung PCK, Tzeng CR (Taiwan)</i>	

	Page
P072 First-trimester screening for Down syndrome in singleton pregnancies achieved by intrauterine insemination versus spontaneously conceived singletons	120
<i>Lai T.H., Tsai M.S., Chen S.C., Lee F.K., Wei C.F. (Taiwan)</i>	
P073 Effects of clomiphene citrate on mRNA expression of estrogen and progesterone receptors in endometrium	121
<i>Ko-Chen Lin, Hsin-Fu Chen, Hong-Nerng Ho, Yu-Shih Yang (Taiwan)</i>	
P075 Comparison of pregnancy outcome in twins among spontaneous conception, intrauterine insemination and in vitro fertilization/intracytoplasmic sperm injection	122
<i>C.C. Huang, C.H. Chen, I.T. Wong, Y.Y. Chien, C.R. Tzeng (Taiwan)</i>	
P076 Suppression of cyclooxygenase-2 expression by leptin in cultured human granulosa-luteal cells.	123
<i>Tsai E.M., Chen H.S., Chang Y.H., Hsiao H.C., Wang C.H., Su J.H., Lee J. N. (Taiwan)</i>	
P077 Unexpected heterotopic twin pregnancy after bilateral salpingectomy and replacement of three embryos	124
<i>Chang Y., Yang C. H., Tsai E. M., Su J. H., Lee J. N. (Taiwan)</i>	
P078 Less NO production and better motion parameter in human sperm by swim-up processing	125
<i>Ding DC, Wu GJ (Taiwan)</i>	
P079 Primordial to primary transition in folliculogenesis: Role of wee1 kinase in the mouse ovary	126
<i>Park C. E., Yoon S.J., Ko J.J., Lee S.H., Cha K.Y., Lee K.A. (Korea)</i>	
P080 Epidermal growth factor has different action pathway with follicular stimulating hormone during nuclear maturation of mouse oocytes	127
<i>Cha S.K., Kim T.H., Park K.H., Park LS, Yoon T.K., Chung C.J., Ko J.J. (Korea)</i>	
P081 Vitrication of mouse immature oocytes using a straw for preventing the risk of liquid nitrogen contamination	128
<i>Park SE, Lee SH, Kim SB, Lee WS, Nam YS, Kwak IP, and Cha KY (Korea)</i>	
P082 The effect of pentoxifylline on the ICSI program of severe asthenozoospermia	129
<i>Sohn J.O., Shin J.S., Lee D.R., Chung T.K., Kim H.J., Cha K.Y. (Korea)</i>	
P083 Effect of ethylene glycol (EG) and 1,2-propanediol (PROH) on mouse and human embryos during slow freezing protocol	130
<i>Kim T.H., Cha S.K., Chung M.K., Kim T.J., Ko J.J., Hong S.W., Cha K.Y. (Korea)</i>	
P084 Application of definite integrals in the estimation of sperm concentration in Kremer test	131
<i>Tang S., Hsu C.S., Shih C.H. (Taiwan)</i>	

	Page
P085 Continuous abdominal paracentesis for managements of late-onset severe ovarian hyperstimulation syndrome: A case report <i>Chying-Chyuan Chan, Chang-Sheng Yin, Shiu-Chun Lan (Taiwan)</i>	132
P086 The comparison of nitric oxide production and motion characteristics of sperm after cryopreserved in three different preparations <i>Chying-Chyuan Chan, Dah-Ching Ding, Jah-Yao Liu, Gwo-Jang Wu (Taiwan)</i>	133

Index