SCIENTIFIC Program

Hot topics in Reproductive Medicine
INTERNATIONAL MEETING
Atlantis Hotel Heraklion Crete
November 03-05, 2017
SSRHR
13:45-14:45 Oral Presentations
Chairmen: Ziogos E., Rasidaki M.

O.P. 01 MANAGEMENT OF CORNUAL ECTOPIC PREGNANCY
Matalliottakis M., Velegarakis A., Onze V., Karypidis T., Niraki E.
Matalliottakis I.
Department of Obstetrics and Gynecology, Venizeleio General Hospital, Greece

O.P. 02 EMBRYONIC AVB3 INTEGRIN EXPRESSION IN 2-CELL AND 4-CELL MOUSE EMBRYOS AFTER OVARIAN STIMULATION
Anifantaki A., Fraidakis M., Tsakoumi P., Mathioudakis E.,
Neofytou E., Stathopoulou C., Athanasiaki E.
1 Crete Fertility Centre, Heraklion Crete, Greece
2 Medical School- Aristotle University, Unit for Human Reproduction-
1st Dept of Obstetrics and Gynecology, Thessaloniki, Greece
3 Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology, Heraklion Crete, Greece
4 Department of Biology, Laboratory of Immunology, University of Crete, Heraklion, Crete, Greece

O.P. 03 ENDOMETRIAL MICROBIOTA AND IMPLANTATION
Bachlitzanakis E., Bachlitzanakis E., Papadakis E., Makrigiannakis A.
Department of Ub/Gyn, University of Crete

O.P. 04 SECRETOMICS AND THEIR ROLE IN IMPLANTATION
Choutas V., Mikelopoulos I., Fragouli I., Papakaloudouka S.,
Makrigiannakis A.
Department of Ub/Gyn, University of Crete

O.P. 05 MALIGNANT THYMOMA, A RARE ENTITY DURING PREGNANCY
Michopoulou V., Patrnaman S., Psycharaki S., Furlan M.,
Karamani A., Martavantzis N., Makrigiannakis A.
University Hospital of Heraklion, Crete

O.P. 06 SEVERE OVARIAN HYPERSTIMULATION SYNDROME WITH PLEURAL EFFUSION: A CASE REPORT
Kokolakis I., Psycharaki S., Mitaras V., Drakakis I., Koutroulakis D.,
Ziogos E., Manidakis G., Makrigiannakis A.
University Hospital of Heraklion, Crete

O.P. 07 CORRELATION BETWEEN ART, INFERTILITY AND BIRTH DEFECTS
Onze V., Velegarakis A., Matalliottakis M., Demosthenous E.,
Matalliottakis I.
Obstetrics and Gynecology department - Venizeleio General Hospital - Heraklion, Greece
0.P. 08 POSTMENOPAUSAL UTERINE BLEEDING AND ENDOMETRIAL THICKNESS
Stratoudakis G., Kontezakis P., Kriaras A., Kkese K., Ebrahim H., Daskalakis G.
Department of Obstetrics & Gynecology of General Hospital of Chania, Crete, Greece

15:00-16:30 SESSION I: Gynecologic - Endocrinology I
Chairmen: Messinis I., Kalantaridou S.

• Natural menstrual cycle. Feedback mechanisms
  Messinis I.
• Dysfunctional bleeding of puberty
  Dafopoulos K.
• Obesity and disturbances of the menstrual cycle
  Adonakis G.
• Polycystic ovary syndrome (PCOS)
  Kalantaridou S.

16:30-17:00 COFFEE BREAK

17:00-18:15 SESSION II: Gynecologic - Endocrinology II
Chairmen: Messinis I., Limperis V.

• Hormonal Contraception
  Drakakis P.
• Amenorrhea. Diagnosis and treatment
  Makrigiannakis A.
• Menopause and cancer risk
  Daponte A.

18:15-18:45 KEY NOTE LECTURE
Chairmen: Makrigiannakis A., Velga A.

• From Egg to embryo. A peripatetic journey
  Ebner T.

20:00-21:00 Opening Ceremony
Vasiliki St. Marcus

• Women in the urban Heraklion of the 20th century
  Mrs Starida Liana, Archaeologist / Writer
O.P. 09  GENETIC SCREENING IN ASSISTED REPRODUCTION: LEGAL AND ETHICAL ISSUES  
Milapidou M. AUTh, Bosdou J. AUTh, Kipouridou K. AUTh, Tsalidis A. AUTh, Vasileiou M. AUTh, Chortara T.  
Laboratory for the research of medical law and bioethics AUTh

O.P. 10  CLINICAL EXOME SEQUENCING SCREENING OF INFERTILE INDIVIDUALS PARTICIPATING IN A SURROGACY PROGRAM: A PILOT STUDY  
Daphnis D., Argyriou A.¹, Constantoulakis P.², Giakoumakis I.¹  
¹Mediterranean fertility Institute, ²Science Labs NIPT

O.P. 11  OVARIAN FUNCTION OF CHILDHOOD CANCER SURVIVOR - ADOLESCENT GIRLS  
Hatzidakis VE.¹, Moschovi M.², Messaropoulos P.¹, Neofytou S.¹, Vrachnis N.¹, Salakos N.¹, Deligeoroglou E.¹, Makrigiannakis A.³, Kalantaridou S.N.¹  
¹Unit on Primary Ovarian Insufficiency, ²2nd Department of Obstetrics & Gynecology, University of Athens School of Medicine, “Aretaieion” Hospital, Athens, Greece;  
²Hematology-Oncology Unit, First Department of Pediatrics, University of Athens School of Medicine, Aghia Sophia Children’s Hospital, Athens, Greece;  
³Department of Obstetrics & Gynecology, University of Crete School of Medicine, Heraklion, Greece Hematology-Oncology Unit, First Department of Pediatrics, University of Athens, Aghia Sophia Children’s Hospital, Athens, Greece

O.P. 12  PARTIAL HYDATIDIFORM MOLE AND COEXISTING FETUS DURING SECOND TRIMESTER: A CASE REPORT  
Christoforaki V., Kokolakis I., Michopoulou V., Gkatzoudi K., Makrigiannakis F., Koutroulakis D., Pontikaki A., Rasidaki M., Makrigiannakis A.  
University Hospital of Heraklion, Crete

O.P. 13  SPLENIC PREGNANCY TREATED NON-OPERATIVELY WITH SELECTIVE EMBOLISM AND METHOTREXATE  
Drakakis I., Patramani S., Goudeli C., Mitaras V., Makrigiannakis F., Karamani A., Zioges E., Makrigiannakis A.  
University Hospital of Herakleion, Crete
09:00-10:15  **SESSION III: Embryology**

Chairmen: Veiga A., Balaban B., Ebner T.

- New biomarkers of objective embryo selection, do they improve the implantation potential? Balaban B.
- Blastocyst Stage Cryopreservation: Toward Single Embryo Transfer Policy Kovacic B.
- Treatment of mitochondrial disease by nuclear transfer. A role in Infertility? Veiga A.

Expert Panel: Metaxas E., Kanakas N., Dimitrakopoulos P.

10:15-11:30  **SESSION IV: Endometrium - Embryo Dialogue. How to achieve implantation Success**

Chairmen: Messinis I., Motrenko T., Tarlatzis B.

- Preimplantation genetic screening: A valid approach for repeated implantation failure Gianaroli L.
- Increasing Endometrial receptivity: the impact of uterine microbiome Jesche U.
- The impact of microbione in Reproduction Gurgan T.
- The role of immune modulating agents during implantation and pregnancy Makrigiannakis A.

Expert Panel: Tryfos D., Promponas E., Sirkos St.

11:30-12:00  **COFFEE BREAK**
12:00-13:00  **FERRING SYMPOSIUM: Personalization of the ovarian stimulation: Challenging the myths, crafting the future**  
Chairmen: Makrigiannakis A., Dafopoulos K.  
- George Lainas (Athens): “The limits of the natural cycle concept” Lainas G.  
- Individualization in practice: The evidence for follitropin delta Christophoridis N.  
- The significance of the right oocyte yield Sfakianoudis K.

13:00-13:30  **MERCK LECTURE**  
Chairmen: Makrigiannakis A., Karatzis P.  
- Ovarian response and personalised efficacy Dafopoulos K.

13:30-14:00  **FERTILLAND LECTURE**  
Chairmen: Loutradis D., Giakoumakis I.  
Evidence Based management of poor ovarian response Kolibianakis S.

Expert Panel: Kitseli M., Kondylis P., Peristeris I., Riga A.

14:00-15:00  **LUNCH BREAK**

15:00-16:30  **SESSION V: Diagnosis and treatment of PCOS**  
Chairmen: Gurgan T., Loutradis D.  
- What is the best protocol for ovarian stimulation in PCOS women undergoing IVF Tarlatzis B.  
- Endocrine Status and Ultrasound Markers of PCOS Motenko T.  
- Updates in Ovulation Induction in patients with PCOS Tavmergen E.  
- Fresh versus Frozen embryo transfer in PCOS patients? Tavmergen E.N.

Expert Panel: Sotirhos A., Kelaris V., Patrikios G.
16:30-17:00  FARAN S.A LECTURE
Chairman: Nikolettos N.

- Mitochondrial dysfunction in human reproduction, the role of micronutrients
  Dattilo M.

Expert Panel: Stefanaki A., Bathrellos N., Kargakou M.

17:00-17:30  COFFEE BREAK

17:30-19:00  SESSION VI: Controversial Issues
Chairmen: Watrelot A., Gurgan T., Vlachos N.

- Epidemiology of tubal infertility and how to diagnose.
  HyCoSy still a need for endoscopy
  Adonakis G.
- Best option for ectopic pregnancy to operate or not?
  Management of interstitial pregnancy
  Vlachos N.
- Prognostic factors and evaluation scores for hydrosalpinges.
  When to operate?
  Watrelot A.
- Tubal Surgery in the era of ART
  Grimbizis G.

Expert Panel: Vagkou E., Vasilopoulos I., Meğkoulas S.

21:00  FACULTY DINNER
07:45-09:00 Oral Presentations
Chairmen: Vrekoussis T., Asmarianaki M.

O.P. 15 AGE AT MENARCHE AND CLINICAL PREGNANCY OUTCOMES FOLLOWING ASSISTED REPRODUCTION TECHNOLOGIES
Vogiatzi P., Pouliakis E., Salamalekis G., Vrantza T., Alexiou E., Siristatidis C.
Assisted Reproduction Unit, 3rd Department of Obstetrics and Gynecology, Attikon Hospital, Medical School, National and Kapodistrian University of Athens, Athens, Greece

O.P. 16 IS CIGARETTE SMOKING AFFECT SEEMEN PARAMETERS IN SUBFERTILE MEN SEEKING FERTILITY TREATMENTS: A COHORT STUDY
Salamalekis G., Vrantza T., Alexiou E., Siristatidis C.
Assisted Reproduction Unit, 3rd Department of Obstetrics and Gynecology, Attikon Hospital, Medical School, National and Kapodistrian University of Athens, Athens, Greece

O.P. 17 THE COMBINATION OF ENDOMETRIAL INJURY AND FREEZE ALL STRATEGY IN WOMEN WITH A HISTORY OF REPEATED IMPLANTATION FAILURE: A PILOT STUDY
Rigos I., Basios G., Salamalekis G., Vrantza T., Siristatidis C.
Assisted Reproduction Unit, 3rd Department of Obstetrics and Gynecology, Attikon Hospital, Medical School, National and Kapodistrian University of Athens, Athens, Greece

O.P. 18 FRAGILE X PREMUTATIONS IN GREEK WOMEN WITH PRIMARY OVARIAN INSUFFICIENCY
Hatzidakis V.E.¹, Sofocleous C.², Messaropoulos P.¹, Neofytou S.¹, Salakos N.¹, Vrachnis N.¹, Deligeoroglou E.¹, Makrigiannakis A.³, Kitsiou-Tzeli S.², Kalantaridou S.N.¹
¹Unit on Primary Ovarian Insufficiency, 2nd Department of Obstetrics & Gynecology, University of Athens School of Medicine, “Aretaieion” Hospital, Athens, Greece;
²Department of Medical Genetics, Choremio Research Centre, 1st Department of Pediatrics, University of Athens School of Medicine, Athens, Greece;
³Department of Obstetrics & Gynecology, University of Crete School of Medicine, Heraklion, Greece

O.P. 19 PLACENTA PRAEVI-A-TWO YEARS EXPERIENCE OF OUR CENTER
Pontikaki A., Goudeli C., Christoforaki V., Kokolakis I., Gaitanis K., Furlan M., Rasidaki M., Makrigiannakis A.
University Hospital of Heraklion, Crete
THE ROLE OF ULTRASOUND IN THE POSTMENOPAUSAL CYSTIC ADNEXAL MASSES
Stratoudakis G., Kontezakis P., Kriaras A., Kkese K., Ebrahim H., Daskalakis G.
Department of Obstetrics & Gynecology of General Hospital of Chania, Crete, Greece

SESSION VII: What is new in ART?
Chairmen: Loutradis D., Messinis I.

- Adenomyosis and endometriosis: impact on Art Sefriou O.
- How can thrombophilia cause implantation failure or miscarriages Siristatidis S.
- New guidelines on Recurrent Miscarriages what we have to think about Toth B.

Expert Panel: Diamantis D., Polydorou A., Tzortzinis D.

Angelini Pharma Hellas SA LECTURE
Chairman: Makrigiannakis A.

Meriofert. How the placental origin of LH activity in the new hMG compound can offer possible advantages in Controlled Ovarian Stimulation Ziegler D.

Expert Panel: Stefanis P., Karastefanou K., Karagiannidis L.

COFFEE BREAK

KEY NOTE LECTURES
Chairmen: Papantoniou N., Drakakis P.

- Novel aspects in the endocrinology of the menstrual cycle Messinis I.
- Genetic Predictors of ovulation induction regimes: where we are today? Loutradis D.

SESSION VIII: Cancer and Fertility
Chairmen: De Bree E., Papantoniou N., Vardaki El.

- Cervical screening from PAP test to HPV typing Vrekoussis T.
- Dynamic Reflectance Imaging and modeling of Cervix Enables the mapping of CIN related functional and microstructural Alteration Balas C.
- Treatment of cancerous cervical lesions. How do they affect the next pregnancy? A role in premature labor Sifakis S.

Expert Panel: Melistas V., Kosmas J.

CLOSING REMARKS Makrigiannakis A.