



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

Matalliotakis M., Velegarakis A., Onze V., Karypidis T., Niraki E.
Matalliotakis 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.¹, Fraidakis M.¹, Tsakoumi P.¹, Mathioudakis E.¹,
Neofytou E.², Stathopoulou C.³, Athanasaki E.⁴

¹Crete Fertility Centre, Heraklion Crete, Greece

²Medical School- Aristotle University, Unit for Human Reproduction-
1st Dept of Obstetrics and Gynecology, Thessaloniki, Greece

³Institute of Molecular Biology and Biotechnology,
Foundation for Research and Technology, Heraklion Crete, Greece

⁴Department of Biology, Laboratory of Immunology,
University of Crete, Heraklion, Crete, Greece

O.P. 03 ENDOMETRIAL MICROBIOTA AND IMPLANTATION

Bachlitzanaki 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., Papakalodouka S.,
Makrigiannakis A.

Department of Ub/Gyn, University of Crete

O.P. 05 MALIGNANT THYMOMA, A RARE ENTITY DURING PREGNANCY

Michopoulou V., Patramani 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., Matalliotakis M., Demosthenous E.,
Matalliotakis I.

Obstetrics and Gynecology department - Venizeleio General Hospital - Heraklion, Greece



FRIDAY 03 November

O.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., Veiga 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



07:45-09:00 Oral Presentations

Chairmen: Adonakis G., Pontikaki A.

- 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
¹*Mediterranean fertility Institute*, ²*Science 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
¹*Unit on Primary Ovarian Insufficiency, 2nd Department of Obstetrics & Gynecology, University of Athens School of Medicine, "Aretaieion" Hospital, Athens, Greece;*
²*Hematology-Oncology Unit, First Department of Pediatrics, University of Athens School of Medicine, Aghia Sophia Children's Hospital, Athens, Greece;*
³*Department 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 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., Ziogos E., Makrigiannakis A.
University Hospital of Herakleion, Crete

O.P. 14 THE EFFICACY OF INTRAUTERINE DEVICES FOR EMERGENCY CONTRACEPTION

Stratoudakis G., Kontezakis P., Kriaras A., Kkese K., Ebrahim H., Daskalakis G.

Department of Obstetrics & Gynecology of General Hospital of Chania, Crete, Greece

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 microbiome 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
Motrenko 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., Kellaris 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: **Watrelet 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?
Watrelet A.
- Tubal Surgery in the era of ART
Grimbizis G.

Expert Panel: Vagkou E., Vasilopoulos I., Megkoulas 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 SEMEN 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 PRAEVIATWO 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

O.P. 20 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

09:00-10:15 SESSION VII: What is new in ART?

Chairmen: **Loutradis D., Messinis I.**

- Adenomyosis and endometriosis: impact on Art
Sefrioui 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.**

10:15-10:45 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.**

10:45-11:15 COFFEE BREAK

11:15-12:15 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.

12:15-13:15 SESSION VIII: Cancer and Fertility

Chairmen: **De Bree E., Papantoniou N., Vardaki EI.**

- 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.**

13:15 CLOSING REMARKS Makrigiannakis A.