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| **Invitation** |

Dear Colleagues and Friends,

On behalf of the Organizing and Scientific committee it is with great pleasure that I invite you to the **5th SSRHR meeting**, to be held on **8-10 October 2021**, at the **Aquila Atlantis Hotel** in Heraklion, Crete.

This year’s main topic is **“Recent Advances in Reproduction”** and for the 5th consecutive year, we have been working hard to bring together an exceptional scientific program, presenting all recent developments on diagnosis, best practice and research of Human Reproduction.

Taking into consideration the ongoing effect of the COVID 19 in our lives, it is clear that we need to be creative and flexible; therefore the **5th SSRHR meeting** will be delivered as a hybrid event, with both face-to-face and online components, giving participants a greater flexibility to attend.

I trust that many of you will be able to travel to Heraklion, but for those unable to make it in person, we want to offer you the chance to attend the sessions and interact online, through the meeting’s digital platform.

With the hope that we will see each other in good health in October for another successful meeting!

***Professor Antonis Makrigiannakis, MD, PHD******Meeting Chairman***

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| **Committees**  |

**Meeting Chairman**: Antonis Makrigiannakis

**Organising Committee**Antonis Makrigiannakis

Marianna Eustratiadou

Ιoannis Kokolakis

Dimitrios Koutroulakis

Georgios Manidakis

Nikolaos Martavantzis
Ioannis Messinis

Vasilis G. Mytaras

Artemis Pontikaki

Maria Rassidaki

Elpida Vardaki
Thomas Vrekoussis

**Scientific Committee**

Petros Drakakis

Timur Gurgan

Sofia Kalantaridou

Dimitris Loutradis
Antonis Makrigiannakis
Ιoannis Messinis

Tatjana Motrenko Simic

Hassan Sallam

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| **PRELIMINARY SCIENTIFIC PROGRAM** |

**Recent Advances in Reproduction**

***Friday 8 October 2021***

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|  | **HALL A**  |
| **13:00-14:00** | **REGISTRATIONS**  |
| **14:00-16:00** | **Oral Presentations I**Chairs:***Marinos Nikolaou, Artemis Pontikaki***  |
| **16:00-17:30** | **Session I: Current aspects in PCOS**Chairs: ***Georgios Adonakis - Sofia Kalantaridou**** Does metformin or any other intervention prevent spontaneous abortion in PCOS?

***Sofia Kalantaridou**** Lifelong impact for PCOS

***Georgios Adonakis*** * IVF in PCOS: Is it an easy or difficult decision?

***Lucas D. Klentzeris*** Comments: ***Konstantinos Dafopoulos*** |
| **17:30-19:00** | **Session II: How to increase Success before IVF**Chair: ***Petros Drakakis, Nikolaos Nikolettos*** * Lifestyle effects in A.R.T.

***Konstantinos Zikopoulos**** BMI and A.R.T. Should be corrected?

***Dimitrios Goulis**** Should we check for thrombophilia before IVF?

***Petros Drakakis****Comments:* ***Sofia Kalantaridou*** |
| **19:00 – 19:30** | **Keynote Lecture** Chair: ***Antonis Makrigiannakis*** Current Status of A.R.T.***Tatjana Motrenko Simic*** |
| **20:00** | **Opening Ceremony** |

 ***Saturday 09 October 2021***

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|  | **HALL A**  |
| **08:00 - 09:00** | **Oral Presentations II**Chairs:***Thomas Vrekoussis*** |
| **09:00 -10:30** | **Session III: Can surgery improve pregnancy: Results in infertility treatment**Chairs: ***Grigorios Grimbizis, Georgios Pados*** * Can laparoscopic surgery improve pregnancy results?

 ***Georgios Pados**** *Can hysteroscopic surgery improve pregnancy results?*

***Minas Paschopoulos*** * Hydrosalpinx-the role of tubal surgery in the era of A.R.T.

***Marinos Nikolaou***Comments: ***Nikolaos Vlachos***  |
| **10:30 -11:00** | **Coffee break** |
| **11:00 - 12:30** | **Session IV: Endometrium and A.R.T.**Chairs: ***Nikolaos Vlachos, Vasilios Tarlantzis**** Window of implantation and its disturbances

***Georgios Nikas**** Manipulating the endometrium: can reccurent implantation failure be managed by the use of novel research therapies?

***Antonis* Makrigiannakis*** Treatment of thin endometrium

***Evangelos Makrakis***Comments: ***Lucas D. Klentzeris***  |
| **12:30-13:30** | **Satellite Symposium - *Leaving behind the gonadotrophins’ debate: The expert’s view***Chair: ***Konstantinos Kostaras*** The role of uterine contractility in embryo implantation: novel approaches in diagnosis***Nikolaos Christoforidis*** ***Sponsored by FERRING*** |
| **13:30 – 14:00** | **Satellite Lecture I** ***Sfakianoudis******Sponsored by MERCK***  |
| **14:00 – 15:00** | **Light break** |

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|  **15:00 - 16:30** | **Session V: Ovarian stimulation in poor responders**Chairs: ***Dimitrios Loutradis, Georgios Adonakis**** Dual ovarian stimulation for poor prognosis patients

***Nikolaos Nikolettos*** * Parmacogenomics in COS: Control on Ovarian Stimulation

***Dimitrios Loutradis*** * Ovarian Stimulation in elective freezing

***Ioannis Messinis***Comments: ***Vasilios Tarlantzis*** |
| **16:30 – 17:00** | **Coffee break** |
| **17:00-18:30** | **Session VI: Endometriosis: UPdate**Chairs: ***Minas Paschopoulos, Konstantinos Zikopoulos*** * The impact of ovarian hyper stimulation on endometriosis progression

***Konstantinos Dafopoulos**** Endometrioma Surgery: Impact on A.RT.

***Grigorios Grimbizis*** * Fertility preservation in women with Endometriosis

***Nikolaos Vlachos*** Comments: ***Georgios Pados*** |
| **19:00-20:00** | **MSRM Session: SIG -ISIVF Endometrium RIF**Chair: ***Antonis Makrigiannakis*** New ESHRE Clinic KPI-Maribor consensus***Tatjana Motrenko Simic***Comparison of Histone H3K4me3 between IVF and ICSI Technologies and between boy and girl offspring***Udo Jesche*** |

***Sunday 10 October 2021***

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|  | **HALL A**  |
| **08:00 – 09:00** | **Oral Presentations III**Chairs*:* ***Thomas Vrekoussis, Marinos Nikolaou*** |
| **09:00- 10:30** | **Session VII: Freeze oocyte- embryos**Chairs**: *Dimitrios Loutradis, Alexandros Daponte**** Do freeze all protocols increase success in IVF?

***Vasilios Tarlantzis**** How to prepare the endometrium for frozen embryos embryo transfer?

***Efstratios Kolibianakis*** * Problems in pregnancy after transfer of frozen embryos

***Antonis Makrigiannakis***Comments: ***Ioannis Messinis, Minas Mastrominas*** |
| **10:30-11:00** | **Satellite lecture II***Chair:* ***Konstantinos Kostaras*** * *Vaginal Progesterone: Doctor choice in IVF.*

***Georgios Kontopoulos***  ***Sponsored by Fertiland*** |
| **11:00 - 11:30** | **Coffee break** |
| **11:30 - 13:00** | **Session VIII: Fertility Preservation**Chairs: ***Alexandros Daponte, Ioannis Giakoumakis**** Social freezing

***Minas Mastrominas*** * Fertility preservation for cancer patients

***Alexandros Rodolakis**** *Fertility preservation for infertility patients*

***Petros Drakakis*** Comments: ***Nikolaos Vrahnis***  |
| **13.00 – 13:30** | **Lecture** *Chair:* ***Sifakis Stavros**** Pathofhysiology of Preeclampsia

***George Papaioannou*** |
| **13:30 – 14:30** | **Open discussion - Conclusions** |