



2nd HANDS-ON WORKSHOP ON PGD, EMBRYO BIOPSY & VITRIFICATION

29-30.3.2019

Papageorgiou General Hospital
Thessaloniki, Greece

INVITED SPEAKERS

Prof. Alan Handyside, U.K.
Prof. Darren Griffin, U.K.
Dr Cagri Ogur, Turkey

ORGANISED BY

1st Department of OB/GYN,
Aristotle University Medical School,
Papageorgiou General Hospital

LOCAL ORGANISERS

President of the Workshop
Grigoris Grimbizis
Professor of Obstetrics/Gynaecology

President of the Organising and Scientific Committee

Katerina Chatzimeletiou
Associate Professor in Embryology/Genetics
& Assisted Reproduction

President of the Advisory Committee

Stratis Kollbianakis
Associate Professor of Obstetrics/Gynaecology
& Assisted Reproduction

Info: katerinachatzime@hotmail.com



PROGRAMME



WELCOME ADDRESS - INVITATION

Dear Colleagues,

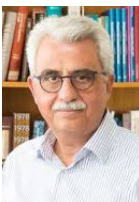
The 1st Department of Obstetrics and Gynaecology of the Aristotle University Medical School, Thessaloniki, Greece, welcomes you to a hands on training workshop that will explore the latest hot topics on embryo biopsy, genetic analysis and vitrification of gametes and embryos.

The lecture sessions will provide you with a taster and improved understanding of the ever changing fields of Preimplantation Genetic Diagnosis (PGT-A and PGT-M), and vitrification of gametes and embryos and how to implement new technologies and techniques into an IVF clinic - essential for any progressive IVF professional.

We are confident you will gain new skills, refine your existing skills and increase your knowledge on genetic analysis of embryos by Array CGH, Next Generation Sequencing, Karyomapping and non-invasive methods of embryo selection by metabolomics and Time lapse. The workshop will also give you the opportunity to practice embryo biopsy and vitrification in the dedicated sessions supported by the guidance of experts.

It is our pleasure to share with you our knowledge and expertise in the fields of Preimplantation Genetic Diagnosis (PGT-A and PGT-M), Embryo Biopsy and Vitrification.

Yours sincerely,



**The President of the
Workshop
G. Grimbizis**



**The President of the
Organising and Scientific
Committee
K. Chatzimeletiou**



**The President of the Advisory
Committee
S. Kolibianakis**

**2nd HANDS-ON
WORKSHOP
ON PGD,
EMBRYO BIOPSY
& VITRIFICATION**

29-30.3.2019

President of the Workshop

G. Grimbizis

ORGANISING COMMITTEE

President K. Chatzimeletiou

Members G. Grimbizis
S. Kolibianakis

SCIENTIFIC COMMITTEE

President K. Chatzimeletiou

Members I. Bontis
D. Goulis
E. Goutziomitrou
D. Griffin, U.K.
A. Handyside, U.K.
A. Lambropoulos
A. Makedos
A. Mitsoli
C. Ogur, Turkey
G. Pandos
D. Savvaidou
B.C. Tarlatzis
D. Vavilis
L. Zepeiridis

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Th. Mikos
E. Saranti
Th. Theodoridis
D. Tsolakidis
E. Voziki

INVITED SPEAKERS

A. Handyside, U.K.
D. Griffin, U.K.
C. Ogur, Turkey



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FRIDAY 29 MARCH 2019

10.30 Registration - [Coffee](#)

Opening - Greetings

11.00-12.30 **Chairpersons: I. Papadimas, S. Kolibianakis, K. Chatzimeletiou, M. Pelekanos**

11.00-11.20 Endocrine disruptors and male infertility
D. Goulis

11.20-11.40 Cryopreservation of the male gamete: From banking to livebirths
Th. Zeginiadou

11.40-12.00 Cryopreservation of the female gamete: Safety and clinical Results
A. Papatheodorou

12.00-12.20 Cryopreservation of 2PN Zygotes: Slow freezing or Vitrification?
V. Asimakopoulos

12.20-12.30 Discussion

12.30-14.00 **Chairpersons: G. Pandos, E. Bili, M. Simopoulou, G. Anifandis**

12.30-12.50 Vitrification of embryos: Optimising protocols for better embryo survival and implantation
Y. Panagiotidis

12.50-13.10 Fertility preservation in women with cancer
L. Zepeiridis

13.10-13.30 Attitudes towards Cryopreservation: Safety and wellbeing of children born
S. Papacharitou

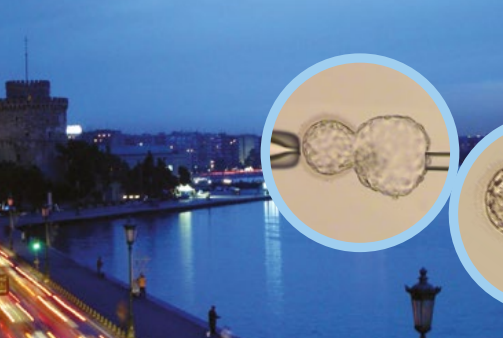
13.30-13.50 Time lapse Embryo Monitoring- What is its value?
A. Argyriou

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- 13.50-14.00 Discussion
- 14.00-15.00 Lunch
- 15.00-19.00 Hands on session I (Vitrification)

SATURDAY 30 MARCH 2019

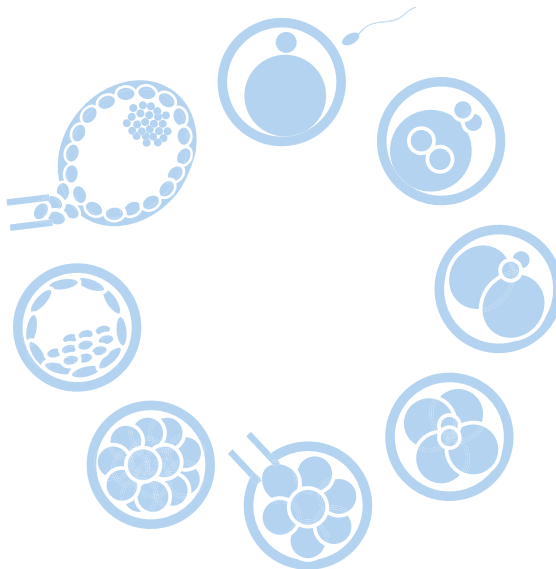
- 10.30 Coffee
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- 11.00-12.30 **Chairpersons: G. Grimbizis, K. Chatzimeletiou, A. Lambropoulos**
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- 11.00-11.20 The clinical significance of genomic recombination in Reproduction
I. Georgiou
- 11.20-11.40 Quality control in the Lab performing embryo biopsies
M. Philippa
- 11.40-12.00 Single embryo transfer after PGT-A -- The way forward?
N. Petrogiannis
- 12.00-12.20 'Freeze all' for all
S. Kolibianakis
- 12.20-12.30 Discussion
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- 12.30- 14.30 **Chairpersons: I. Bontis, B.C. Tarlatzis, S. Kolibianakis**
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- 12.30-12.50 PGD: The story and breakthroughs 1990 - Today
A. Handyside
- 12.50-13.10 Counting chromosomes for 30 years: what we have learned and why we never learn
D. Griffin
- 13.10-13.30 Structural breakdown: the detection, causes and consequences of segmental chromosome abnormality
C. Ogur



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- 13.30-13.50** The human biopsied embryo following vitrification: Cytoskeleton, Ultrastructure and Implantation potential
K. Chatzimeletiou
- 13.50-14.10** Ethical Issues on PGD, cryopreservation and genetic manipulations of the human embryo in vitro
B.C. Tarlatzis
- 14.10-14.30** Closing Remarks
- 14.30-15.00** [Lunch](#)
- 15.00-19.00** Hands on session II (Embryo Biopsy)

Demonstrators: K. Chatzimeletiou, A. Mitsioli, A. Desli, Manal Elshahidy (Irvine) and representatives from Fertipro, Kitazato and Vitrolife



GENERAL INFORMATION

Workshop Venue

Lectures & Practical Sessions
Papageorgiou General Hospital / Thessaloniki, Greece

Workshop Dates

29-30 March 2019

Official Language

The official language of the Workshop is English.

Local Organisers

Grigorios Grimbizis, Professor of Obstetrics/Gynaecology

Katerina Chatzimeletiou, Associate Professor in Embryology/Genetics & Assisted Reproduction

Stratis Kolibianakis, Associate Professor of Obstetrics/Gynaecology & Assisted Reproduction

Accreditation

The Hellenic Medical Society, according to the EACCME-UEMS criteria, provides credits for Continuing Medical Education (CME-CPD credits) to the participants that will attend both scientific sessions and workshops.

Workshop Organisation

1st Department of Ob/Gyn, Aristotle University Medical School, Papageorgiou General Hospital

Contact - Information

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