

FINAL PROGRAMME

European Society of Human Reproduction and Embryology

Munich – Germany
29 June to 2 July 2014





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WELCOME

Dear Friends and Colleagues,

On behalf of the Local Organising Committee it gives me a great pleasure to welcome you to the 30th Annual Meeting of ESHRE in Munich, Germany from 29 June to 2 July 2014. After Bonn 1985, Hamburg 1995 and Berlin 2004, Munich is the fourth city in Germany to host an ESHRE Annual Meeting.

Munich is known throughout the world as a dynamic and economically successful city in the southern part of Germany, with many traditional attractions. The Bavarian capital, set in a beautiful landscape, offers all the advantages you would expect of a leading international congress and exhibition venue in the heart of Europe. Art, culture, recreational activities and sightseeing provide enjoyable possibilities every day. Munich in the summer is a charming and exhilarating place.

The venue chosen for this event is the ICM - International Congress Centre Munich - one of the most modern and successful congress centres in the world well equipped to satisfy all the requirements of an event such as our Annual Meeting. The ICM is about 20 minutes from the city centre by subway.

Human reproduction remains a scientific field marked by continuous progress, remarkable advances and unique achievements. Under the common umbrella of reproductive science and medicine, ESHRE brings together experts from all over the world and will once again gather a distinguished international faculty to address and discuss the most recent information, controversies and future directions.

However, the Annual Meeting is more than just a forum for exchange of knowledge. Munich is also an ideal place for meeting old and making new friends. The range of options for social programmes in the city is second to none.

Welcome in Munich at ESHRE 2014!

Professor Karl Friese,
Chair on behalf of the Local Organising Committee



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MANAGING ENDOMETRIOSIS: THE APP



AT YOUR FINGERTIPS

All you need to know about endometriosis is now at your fingertips:

- interactive decision-aid
- easy access to the guideline
- links to background information

Based on the ESHRE Guideline on the Management of Women with Endometriosis.



TRY THE APP NOW!

Download the app for free during the 2014 ESHRE Annual Meeting (Access from 28 June to 6 July 2014), using the access code "ESHRE2014"

Visit www.eshre.eu/guideline/endometriosis or scan the QR code below.

The ESHRE endometriosis App is freely accessible for ESHRE members.



LAUNCH SESSION

Want to know everything about the endometriosis app ?

Take part in the launch session with ESHRE: Monday 30 June - 12:00 to 13:00, room 2



COURSE 1

Targeting and managing special patient groups - including hands-on workshop in trophoctoderm biopsy
Sunday, 29 June | Room 2 (+ room 'Königsee' for the hands-on part)
Organised by the Paramedical Group

COURSE COORDINATORS: Helle Bendtsen (Denmark)

COURSE DESCRIPTION: This advanced course is aimed to give an update on the current theoretical background, hands on treatment and support for patient with endometriosis, genetic disorders and recurrent miscarries. There will be an interactive session in counseling focusing on nurses and midwives and counselors working in a fertility clinic. For the delegates working in the lab there will be a practical demonstration and hands-on workshop in trophoctoderm biopsy. This workshop will summarize the most important aspects of successful trophoctoderm biopsy: pre-treatment of the embryo, timing of biopsy, coordinated use of laser and micro manipulator and tips for most convenient biopsy. The technique will be demonstrated on mouse blastocysts. Depending on some participants will also be able to do practical exercises

TARGET AUDIENCE: Nurses, midwives, counsellors, clinical embryologist and lab technicians

COURSE PROGRAMME

Chairmen: Helle Bendtsen (Denmark) and Inge Rose Joergensen (Denmark)

09:00 - 09:10 Introduction – Helle Bendtsen (Denmark)

SESSION 1: ENDOMETRIOSIS AND PCOS

09:10 - 09:35 Endometriosis and infertility: patient-tailored treatment options – Carla Tomassetti (Belgium)

09:35 - 10:00 The promise of IVF for the treatment of infertility in patients with PCOS – Michel De Vos (Belgium)

SESSION 2: GENETIC

10:00 - 10:25 Counseling for genetic disorders – Cath King (United Kingdom)

10:30 - 11:00 Coffee break

11:00 - 11:25 Microarray tools for PGD: an introduction – Martine De Rycke (Belgium)

SESSION 3: MISCARRIAGE

11:25 - 12:00 Is trophoctoderm biopsy and subsequent PGD the new tool for embryo selection for a subgroup of patients? – Mandy Katz-Jaffe (USA)

12:00 - 12:30 Dealing with miscarriage – Anne Louise Lunoe (Denmark)

12:30 - 13:30 Lunch

13:30 - 15:15 Hands on session in "Trophoctoderm biopsy" (laboratory)

13:30 - 15:15 Interactive session in counseling (Nurses, midwives and counsellors)

13:30 - 14:15 Supporting women during waiting periods – Hetty Ockhuysen (The Netherlands)

14:30 - 15:15 Decision aid on the type of medication – Eline Dancet (Belgium)

15:15 - 15:45 Coffee break

15:45 - 16:30 The fine line of support and pressure - The role of family and friends – Helga Sol Olafsdottir (Iceland)

16:40 - 17:00 Closing

COURSE 2

Sunday, 29 June | Room 3

Treating the man with evidence based medicine

Organised by Special Interest Group Andrology

COURSE COORDINATORS: Sheena E.M. Lewis (United Kingdom) and Rafael Oliva (Spain)

COURSE DESCRIPTION: This course will:

1. present the latest research on male reproductive health from the Reprotrain Consortia
2. give overviews of endocrine disruption and male reproduction
3. consider the latest evidence for genetic tests-how does male karyotyping impact on ART outcomes

TARGET AUDIENCE: Clinicians, paramedical staff, embryologists and andrologists with an interest in extending their knowledge of male reproduction and the training of research andrologists

COURSE PROGRAMME

Chairman: Sheena E. M. Lewis (Ireland)

09:00 - 09:30	Training tomorrow's research andrologists to embrace 21st century investigative techniques: the promise of the Reprotrain network – Rafael Oliva (Spain)
09:30 - 09:45	Discussion
09:45 - 10:15	Sperm RNA as a diagnostic resource; what can it tell us that a standard test cannot and does it matter? David Miller (United Kingdom)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break

Chairman: Rafael Oliva (Spain)

11:00 - 11:30	Molecular messages in the ejaculate remain an underestimated resource for understanding male fertility – Sophie Pison-Rousseaux (France)
11:30 - 11:45	Discussion
11:45 - 12:15	Steroidogenesis in the fetal testis and its susceptibility to disruption- the latest advances – Richard Sharpe (United Kingdom)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairman: Jackson Kirkman-Brown (United Kingdom)

13:30 - 14:00	Antiandrogens for treatment of male infertility or hypogonadism – Michael Zitzmann (Germany)
14:00 - 14:15	Discussion
14:15 - 14:45	Genetic tests-how does male karyotyping impact on ART outcomes? – Elsbeth Dul (The Netherlands)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break

Chairman: Willem Ombelet (Belgium)

15:30 - 16:00	Dietary supplements- are they any help? – Jackson Kirkman-Brown (United Kingdom)
16:00 - 16:15	Discussion
16:15 - 16:45	Preserving fertility before puberty: what should the clinician know? – Herman Tournaye (Belgium)
16:45 - 17:00	Discussion
17:00 - 18:00	SIG Andrology Annual General Meeting

COURSE 3

Sunday, 29 June | Room B2 (Hall B0) Time-lapse monitoring in the ART lab Organised by Special Interest Group Embryology

COURSE COORDINATORS: Maria José de los Santos (SIGE), Basak Balaban (Alpha) and Kersti Lundin (SIGE)

COURSE DESCRIPTION: The aim of this basic course is to give an up-to-date, comprehensive and evidence-based overview of the use of time-lapse monitoring in the ART laboratory.

TARGET AUDIENCE: Mainly embryologists, scientists and clinicians interested in embryo development and embryo selection.

COURSE PROGRAMME

Chairmen: Maria Jose De Los Santos (Spain) and Basak Balaban (Turkey)

09:00 - 09:30	Time-lapse monitoring – the technique; possibilities and restrictions – Thorir Hardarson (Sweden)
09:30 - 09:45	Discussion
09:45 - 10:15	Embryo morphokinetics: A predictive tool in the IVF laboratory? – Marcos Meseguer Escriva (Spain)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break

Chairmen: Kersti Lundin (Sweden) and Carlos Plancha (Portugal)

11:00 - 11:30	Effects of culture conditions on embryo morphokinetics – Kirstine Kirkegaard (Denmark)
11:30 - 11:45	Discussion
11:45 - 12:15	What have we learned from morphokinetics about early human development: a comparison with classical scoring systems – Zsolt Peter Nagy (USA)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairmen: Thorir Hardarson (Sweden) and Zsolt Peter Nagy (USA)

13:30 - 14:00	Expanding applications of live cell microscopy to the study of oogenesis and oocyte quality Giovanni Coticchio (Italy)
14:00 - 14:15	Discussion
14:15 - 14:45	The biology behind time-lapse monitoring of embryos: correlates of aneuploidy and gene expression – Shawn L Chavez (USA)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break

Chairmen: Giovanni Coticchio (Italy) and Susanna Jamina Apter (Finland)

15:30 - 16:00	An evidence-based evaluation of time-lapse monitoring in clinical embryology Sjoerd Repping (The Netherlands)
16:00 - 16:15	Discussion
16:15 - 16:45	Time-lapse monitoring of human embryos: A clinician's perspective Charles Kingsland (United Kingdom)
16:45 - 17:00	Discussion
17:00 - 17:30	Business meeting SIG Embryology

COURSE 4

Sunday, 29 June | Room 11

The fallopian tube and reproductive function

Organised by Special Interest Group Endometriosis/Endometrium

COURSE COORDINATORS: Hilary Critchley (United Kingdom; past SIGEE coordinator), Andrew Horne (United Kingdom; deputy SIGEE coordinator), Anneli Stavreus-Evers (Sweden; past deputy SIGEE coordinator), Antoine Watrelot (President, International Society for Fallopian tubes and Reproductive Surgery)

COURSE DESCRIPTION: Basic science and clinical content addressing:

- what we know about normal Fallopian tube function
 - what animal models we have available to study Fallopian tube biology
 - emerging data about Fallopian tube origins of ovarian cancer
 - the effects of environmental factors on Fallopian tube function
 - the Fallopian tube and pregnancy failure
 - clinical approaches to the regulation of Fallopian tube function.
- Future research priorities will be proposed by each speaker for discussion at the end of each presentation

TARGET AUDIENCE: Basic scientists and clinicians

COURSE PROGRAMME

Chairmen: Antoine Watrelot (France) and Hilary Critchley (United Kingdom)

09:00 - 09:30	Normal fallopian tube function – Anneli Stavreus-Evers (Sweden)
09:30 - 09:45	Discussion
09:45 - 10:15	Modelling the fallopian tube: lessons from animal models – Håkan Billig (Sweden)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	The fallopian tube as the origin of ovarian cancer – Stephen G. Hillier (United Kingdom)
11:30 - 11:45	Discussion
11:45 - 12:15	The effect of the environment on Fallopian tube function – Andrew Horne (United Kingdom)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairmen: Ertan Saridogan (United Kingdom) and Andrew Horne (United Kingdom)

13:30 - 14:00	Tubal pregnancy – Stephen Tong (Australia)
14:00 - 14:15	Discussion
14:15 - 14:45	Tubal hydrosalpinx and embryo implantation – Annika Strandell (Sweden)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break
15:30 - 16:00	Fertility control: laparoscopic versus hysteroscopic tubal obstruction – Justin Clark (United Kingdom)
16:00 - 16:15	Discussion
16:15 - 16:45	Management of tubal pregnancy: salpingectomy versus salpingostomy – Femke Mol (The Netherlands)
16:45 - 17:00	Discussion
17:00 - 18:00	Business meeting SIG Endometriosis and Endometrium

COURSE 5

Sunday, 29 June | Room 4a

The ethics of gamete donation and information sharing

Organised by Special Interest Group Ethics and Law

COURSE COORDINATORS: Wybo Dondorp (The Netherlands), Guido Pennings (Belgium) and Guido de Wert (The Netherlands)

AIM: The aim of the course is to present an update of the current debate about the ethics of gamete donation and information sharing between donors, parents and donor conceived children/persons. The course will provide background information (state of the art in relevant psychosocial research and expert knowledge about the importance of sharing genetic information), as well as balanced overviews of the arguments at stake in relevant parts of the ethical debate. There will be ample opportunity for discussion among the audience.

BACKGROUND: There is a fierce debate among policy makers, professionals and interested scholars about the ethics of gamete donation and information sharing between the parties involved. Is having children through donor conception a morally acceptable way of parenting, given that they will not grow up with their biological parents? Whereas a number of countries have in past decades decided to only allow open-identity donation, other countries continue to allow (or even require) anonymous donation. What about the ethics of these opposite policies? Is anonymous donation acceptable or should it be regarded as an infringement on the child's right to know his or her genetic roots? In countries where information about the identity of the donor is available to donor-offspring, they can only make use of this right if their parents have told them how they were conceived in the first place. But many parents decide to not tell their children. How to think about this from a moral point of view: ought parents to tell or should it be left to them to decide about the morality of disclosure? And what about the responsibility of counsellors and other professionals: should they try to convince (prospective) parents that openness is better? Finally: as the lifting of anonymity in several countries has led to a different type of donor, many of whom have a positive attitude towards possible contact, how to think about claims from donors who find that the right to information should run both ways?

TARGET AUDIENCE: The course is meant for congress participants who as professionals (gynaecologists, psychologists, counsellors) or policy makers/advisors have an interest in the debate about the ethics of the practice and policy of gamete donation.

COURSE TYPE: Advanced

COURSE PROGRAMME

Chairman: Wybo J. Dondorp (The Netherlands)

09:00 - 09:30	Psychosocial aspects of gamete donation. Overview of empirical data Tabitha Freeman (United Kingdom)
09:30 - 09:45	Discussion
09:45 - 10:15	Gamete donation and the sharing of medical information – Anneke Lucassen (United Kingdom)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	Gamete donation: can parental rights and duties be transferred? – Tom Bayne (United Kingdom)
11:30 - 11:45	Discussion
11:45 - 12:15	Is donor anonymity morally acceptable? – Heather Draper (United Kingdom)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairman: Veerle Provoost (Belgium)

13:30 - 14:00 Is not-telling the child morally reprehensible? – Theo Boer (The Netherlands)
14:00 - 14:15 Discussion
14:15 - 14:45 Telling or not-telling: should counsellors be directive? – Wybo J. Dondorp (The Netherlands)
14:45 - 15:00 Discussion
15:00 - 15:30 Coffee break
15:30 - 16:00 Do donors have a right to information about their offspring? – Guido Pennings (Belgium)
16:00 - 16:15 Discussion
16:15 - 17:00 Concluding debate session
Moderators: Wybo J. Dondorp (The Netherlands) and Veerle Provoost (Belgium)

COURSE 6

Sunday, 29 June | Room 4b

On seeking and finding the evidence

Organised by Special Interest Group Psychology and Counselling & Special Interest Group Safety and Quality in ART

COURSE COORDINATORS: Chris Verhaak (The Netherlands) and Petra de Sutter (Belgium) and Willianne Nelen (The Netherlands)

COURSE DESCRIPTION: Finding evidence seems straightforward. Scientific guidelines are formulated, registers for RCTs are implemented. But what is the value of our evidence? How do patients perceive evidence? Why do they choose treatments without any evidence? What is the role of placebo? What is the role of communication in translating evidence to patient behaviour? These fundamental questions will be discussed from the perspective of patients, doctors, basic scientists, psychologists and yoga experts.

TARGET AUDIENCE: Clinicians, counsellors, psychologists, paramedicals, basic researchers

COURSE PROGRAMME

Chairmen: Uschi Van den Broeck (Belgium) and Willianne Nelen (The Netherlands)

09:00 - 09:30	Evidence: what does it mean? – Cindy M. Farquhar (New Zealand)
09:30 - 10:00	The patient perspective – Clare Lewis-Jones (United Kingdom)
10:00 - 10:30	When can we call an intervention established? – Kelly Tilleman (Belgium)
10:30 - 11:00	Coffee break
11:00 - 11:30	Practitioners and guidelines: 10 tips for a happy marriage – Willianne Nelen (The Netherlands)
11:30 - 11:45	Discussion
11:45 - 12:15	Decision making: how to balance evidence with patient preferences Jacqueline Pieters (The Netherlands)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairmen: Christianne Verhaak (The Netherlands) and Petra De Sutter (Belgium)

13:30 - 14:00	The Placebo effect: what is the role of suggestion in pain management Andrea Evers (The Netherlands)
14:00 - 14:15	Discussion
14:15 - 14:45	The art of medicine: communication or manipulation? – Jan Kremer (The Netherlands)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break
15:30 - 16:00	The Mindfulness Based Program for Infertility: evidence regarding its efficacy Ana Galhardo (Portugal)
16:30 - 17:00	Yoga: Its potential role in infertility management – Rajvi Mehta (India)

COURSE 7

Sunday, 29 June | Room 13a

Fertility-Sparing Surgery in malignant and benign conditions

Organised by Special Interest Group Reproductive Surgery

COURSE COORDINATORS: Vasilios Tanos (Cyprus), Tin Chiu Li (United Kingdom) and Grigoris Grimbizis (Greece)

COURSE DESCRIPTION: The number of cancer survivors at young reproductive age is increasing. This is due to rising incidence of gynecologic cancer in young patients and the increasing age of first pregnancy. In addition benign diseases such as severe forms of endometriosis and pelvic adhesions also endanger the reproductive integrity during surgery. The management of young patients with early diagnosed gynaecological cancer or severe pelvic pathology who desire further family presents a great challenge since future oncological and obstetrical risks vary. The conflict between fertility preserving treatments and any radical surgery in likelihood of cure most of the times involves big medical and ethical dilemmas. This advanced course aims to educate and give the most recent evidence based update on fertility-sparing surgery (FSS) in benign and malignant cases.

TARGET AUDIENCE: Gynaecologists, Gynae-Oncologists, General Surgeons

COURSE TYPE: Advanced

COURSE PROGRAMME

Chairmen: Gregoris Grimbizis (Greece) and Marco Gergolet (Italy)

09:00 - 09:30	Fertility-sparing surgery (FSS) in severe endometriosis and recurrent endometrioma: What is the gold standard approach? – Stephan Gordts (Belgium)
09:30 - 09:45	Discussion
09:45 - 10:15	Severe adenomyosis: fertility preserving options – Gregoris Grimbizis (Greece)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	Giant ovarian and other pelvic tumors and fertility sparing surgery - laparoscopy vs laparotomy Vasilios Tanos (Cyprus)
11:30 - 11:45	Discussion
11:45 - 12:15	Preservation of the uterus and endometrium in cases with huge and multiple intramural and/or submucous fibroids – Tin-Chiu Li (United Kingdom)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairmen: Vasilios Tanos (Cyprus) and Stephan Gordts (Belgium)

13:30 - 14:00	Early, low grade endometrial cancer and fertility sparing surgery – Kazem Nouri (Austria)
14:00 - 14:15	Discussion
14:15 - 14:45	Early cervical cancer: neoadjuvant chemotherapy and fertility- sparing radical trachelectomy. Pregnancy risks and perinatal outcome – Andrea Maneo (Italy)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break
15:30 - 16:00	Low malignant potential and early stage ovarian cancer: is there a place for FSS? Thomas Ind (United Kingdom)
16:00 - 16:15	Discussion
16:15 - 16:45	Ovarian chemo prophylaxis, fertility preservation against the sterilizing effects of chemotherapy and ovarian tissue cryopreservation – Dror Meirow (Israel)
16:45 - 17:00	Discussion
17:00 - 18:00	SIG Reproductive Surgery business meeting

COURSE 8

Sunday, 29 June | Room 21

Practical applications of clinical and basic science genetics to reproductive medicine
Organised by the American Society for Reproductive Medicine (ASRM)

OBJECTIVES: Couples presenting for reproductive care may be at risk for disorders that either are predictable or are yet unknown. Others present with genetic disorders of reproduction that have implications for their care and potentially their children. Finally for others, reproductive technology may provide new risks. This pre-congress course will focus on contemporary genetic issues that are encountered in the practice of reproductive medicine. Topics will include screening for genetic disease, identifying genetic causes of reproductive failure, use of assisted reproductive technologies (ART) for treatment of individuals with reproductive genetic disorders, and potential adverse genetic outcomes of ART.

LEARNING OBJECTIVES: At the conclusion of this course, the participant should be able to:

1. Propose appropriate genetic testing for couples presenting with infertility
2. Discuss adverse genetic outcomes of ART
3. Counsel patients with Turner syndrome and Klinefelter syndrome about reproductive options and outcomes
4. Screen for genetic causes of reproductive failure

TARGET AUDIENCE: Reproductive Endocrinologists, Andrologists, General Gynecologists, Urologists, and Allied Reproductive Health Professionals

COURSE PROGRAMME

Chairman: Rebecca Z. Sokol (USA)

09:00 - 09:30	Screening couples for genetic disease presenting for reproductive care. Screening for at-risk and not at risk individuals – Joe Leigh Simpson (USA)
09:30 - 09:45	Discussion
09:45 - 10:15	Genetics of premature ovarian insufficiency – Marcelle Cedars (USA)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	Epigenetic modifications due to environmental factors – Linda C. Giudice (USA)
11:30 - 11:45	Discussion
11:45 - 12:15	Genetic and epigenetic factors affecting embryo development and implantation Christos Coutifaris (USA)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch break
13:30 - 14:00	Turner Syndrome: Reproductive options and outcomes – Richard Reindollar (USA)
14:00 - 14:15	Discussion
14:15 - 15:00	Klinefelter Syndrome: Reproductive and hormonal options and outcomes – Rebecca Z. Sokol (USA)
15:00 - 15:15	Discussion
15:15 - 15:30	Coffee break
15:30 - 16:00	Sperm aneuploidy and ART – Dolores J. Lamb (USA)
16:00 - 16:15	Discussion
16:15 - 16:45	Imprinting disorders and ARTc – Joe Leigh Simpson (USA)
16:45 - 17:00	Discussion

COURSE 9

Sunday, 29 June | Room Restaurant Seeblick
Academic Authorship programme: The A to Z of research: Doing a study, presenting a poster, giving a talk, writing it up
Organised by The Editors of Human Reproduction Journals

COURSE COORDINATORS

Hans Evers (The Netherlands) and Chris Barratt (United Kingdom)

COURSE DESCRIPTION

After attending the course the participant should be familiar with the principles of study design – including those for treatment and diagnostic test studies. Considerable focus will be directed to the key components of a manuscript, with practical exercises designed to equip participants with the knowledge required to prepare their work for publication, either as a poster or as an oral presentation, and finally as an original publication in a scientific journal.

COURSE FORMAT

There will be five traditional lectures; the rest of the day being devoted to three small-group exercises with feedback to all participants following each exercise.

TARGET AUDIENCE

Young clinicians and scientists, people at the onset of the writing and presentation phase of their academic career, and all those who wish to familiarize themselves with present day ideas about designing a study and publishing its outcome.

COURSE PROGRAMME

09:00 - 09:10	Introduction to the course – Johannes Evers (The Netherlands)
09:10 - 09:40	Principles of study design, treatment – Johannes Evers (The Netherlands)
09:40 - 09:50	Discussion
09:50 - 10:20	Principles of study design, diagnosis – Madelon Van Wely (The Netherlands)
10:20 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	Giving a talk – Edgardo Somigliana (Italy)
11:30 - 12:30	Group work on oral presentation + report to group – Edgardo Somigliana (Italy)
12:30 - 13:30	Lunch break
13:30 - 14:00	Writing a study up for a scientific journal – Richard Sharpe (United Kingdom)
14:00 - 15:00	Group work on writing a manuscript + report to group – Richard Sharpe (United Kingdom)
15:00 - 15:30	Tea break
15:30 - 16:00	Presenting a poster – Felice Petraglia (Italy)
16:00 - 17:00	Group work on poster presentation + report to group – Felice Petraglia (Italy)
17:00 - 17:10	Conclusions, wrap-up and take-home messages – Johannes Evers (The Netherlands)
17:10 - 17:20	Evaluation of the course

COURSE 10

Sunday, 29 June | Room 22

Fertility preservation in women: Facts and dilemmas Organised by the Middle East Fertility Society (MEFS)

COURSE COORDINATORS: Johnny Awwad (Lebanon) and Mohammad Aboulghar (Egypt)

COURSE DESCRIPTION: Fertility preservation refers to the management approach aimed at preserving and restoring fertility in women undergoing treatment for cancer. It is a substantial quality of life issue in cancer survivors. It may also benefit other clinical conditions, such as incipient ovarian failure and ovarian ageing in women. This course aims to provide an updated review on the medical and surgical means to reduce the devastating effects of cancer treatment on ovarian function; the current scientific and clinical development of fertility preservation strategies; and the ethical and legal challenges ahead. To achieve these objectives, a panel of distinguished researchers and scholars has agreed to share with the audience their expertise and knowledge, laying grounds for an exceptional opportunity for exchange and networking.

TARGET AUDIENCE:

- Reproductive Endocrinologists and Fertility Specialists
- Biologists involved in assisted reproductive technologies
- Oncologists
- Oncology nurses
- Psychologists and Social workers

EDUCATIONAL NEEDS AND EXPECTED OUTCOMES:

At the completion of this pre-congress course, participants should be able to:

- Explain the effects of cancer treatment on ovarian function and reproduction
- Describe the most recent clinical collection techniques associated with oocyte cryopreservation
- Evaluate the current status of ovarian tissue cryopreservation and transplantation
- Assess the cost-effectiveness of social egg banking
- Recognize the psychological, ethical, and legal challenges related to fertility preservation
- Provide informed counseling to women with cancer about fertility preservation options

COURSE TYPE: Advanced

COURSE PROGRAMME

Chairmen: Johnny Awwad (Lebanon), Mohamed A. Aboulghar (Egypt) and Michel Abou Abdallah (Lebanon)

09:00 - 09:25	Fertility in female cancer survivors: Pathophysiology and impact on ovarian reserve Tommaso Falcone (USA)
09:25 - 09:50	Mechanisms of chemotherapy induced ovarian damage: implications for future treatments Kutluk H. Oktay (USA)
09:50 - 10:15	Ovarian tissue cryopreservation: Current achievements – Jacques Donnez (Belgium)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 11:30	Practice guidelines for fertility preservation in cancer patients – S. Samuel Kim (USA)
11:30 - 11:45	Discussion
11:45 - 12:15	Fertility preservation in young women with breast cancer – Kutluk H. Oktay (USA)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch break

13:30 - 13:55	Age Specific Success of Oocyte Cryopreservation: How to counsel your patient Kutluk H. Oktay (USA)
13:55 - 14:20	Ethical and moral dilemmas in social egg banking – Jacques Donnez (Belgium)
14:20 - 14:45	Minimally Invasive approaches to Fertility Preservation – Tommaso Falcone (USA)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break
15:30 - 16:00	Current dilemmas with heterotopic ovarian transplantation: fertility or futility S. Samuel Kim (USA)
16:00 - 16:15	Discussion
16:15 - 16:45	The current fertility preservation consultation model: Are we adequately informing cancer patients of their options? – Johnny Awwad (Lebanon)
16:45 - 17:00	Discussion

COURSE 11

Sunday, 29 June | Room B1 (Hall B0)

The contribution of endocrinology & early pregnancy management to the success of an ART center

Organised by Special Interest Group Early Pregnancy & Special Interest Group Reproductive Endocrinology

COURSE COORDINATORS: Mariëtte Goddijn (SIG Early Pregnancy) and Georg Griesinger (SIG Reproductive Endocrinology)

COURSE DESCRIPTION: This pre-congress course will provide an update of clinically important research areas of reproductive endocrinology at the intersection with routine fertility treatment with a special focus on reproductive success/failure and recurrent pregnancy loss.

TARGET AUDIENCE: Reproductive endocrinologists, fertility specialists, psychologists, gynaecologists & reproductive nurses

COURSE PROGRAMME

Chairman: Efstratios Kolibianakis (Greece)

08:50 - 09:00	Introduction – Mariëtte Goddijn (The Netherlands)
08:50 - 09:00	Introduction – Georg Griesinger (Germany)
09:00 - 09:30	Gut and adipose hormones and reproduction in the human – Waljit Dhillon (United Kingdom)
09:30 - 09:45	Discussion
09:45 - 10:15	The endocrinology of obesity: impact on fertility, pregnancy, risk of miscarriage and child health Lesley Regan (United Kingdom)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break

Chairman: Mariëtte Goddijn (The Netherlands)

11:00 - 11:30	Strategies and benefits of periconceptional lifestyle interventions Régine P.M. Steegers-Theunissen (The Netherlands)
11:30 - 11:45	Discussion
11:45 - 12:30	Debate: Treat subclinical hypothyroidism preconceptionally to foster fecundability, prevent early pregnancy loss and optimize child health? Yes – Robin Peeters (The Netherlands) No – Kris Poppe (Belgium)
12:30 - 13:30	Lunch

Chairman: Frank J. Broekmans (The Netherlands)

13:30 - 14:00	Immunological and endocrine aspects of implantation – Thomas Strowitzki (Germany)
14:00 - 14:15	Discussion
14:15 - 14:45	The endocrinology of pregnancy – Cornelis B. Lambalk (The Netherlands)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break

Chairman: Siobhan Quenby (United Kingdom)

15:30 - 16:00	Genetic aspects of early pregnancy success – Tina Buchholz (Germany)
16:00 - 16:15	Discussion
16:15 - 17:00	Debate: Is there a need for early pregnancy progesterone supplementation? No – Anders Nyboe Andersen (Denmark) Yes – Georg Griesinger (Germany)
16:45 - 17:00	Discussion & closing of the meeting
17:00 - 18:00	Business meeting SIG Early Pregnancy

COURSE 12

Sunday, 29 June | Room 13b

The current status of PGD and PGS

Organised by Special Interest Group Reproductive Genetics

COURSE COORDINATORS: Joyce Harper (United Kingdom), Claudia Spits (Belgium), Ursula Eichenlaub-Ritter (Germany), Jan Traeger – Synodinos (Greece)

COURSE DESCRIPTION: There have been many new developments in the field of PGD. For almost 20 years, cleavage stage biopsy has been the main type of biopsy but there has been an increase in the number of blastocyst and polar body biopsies. New developments in genetic analysis enable screening of all chromosomes from a single cell and more efficient methods of detection of single gene defects. Next generation sequencing is fast approaching the PGD and PGS arena. Data from randomised controlled trials for PGS will hopefully shed light on the use of this technique to improve IVF outcome. With the increase in the amount of information we can gather from a single cell, many ethical concerns arise.

TARGET AUDIENCE: IVF and PGD scientists and medics, anyone interested in PGD and PGS

LEARNING OBJECTIVES: At the conclusion of this course, the participant should be informed about:

- New methods to detect single gene defects, aneuploidy and mitochondrial disorders
- Outcome and implications of PGD (report PGD Consortium)
- Results of RCTs on PGS
- PGS and Mechanisms responsible for aneuploidy
- Health of children from PGD/PGS cycles
- Ethical implications and dilemmas in PGD/PGS

EDUCATIONAL NEEDS: New developments in genetic analysis enable screening of all chromosomes from a single cell and more efficient methods of detection of single gene defects. Next generation sequencing is fast approaching the PGD and PGS arena. There is a need to inform geneticists, embryologists, specialist in the area and the public on these new technologies, their use and application in treatment and counselling.

EXPECTED OUTCOMES: At the conclusion of the course the participant will have learned about new methods to detect single gene defects, aneuploidy and mitochondrial disorders, outcome and implications of PGD from the ESHRE PGD Consortium, results of RCTs on PGS, and ethical implications and dilemmas in PGD/PGS.

COURSE PROGRAMME

Chairmen: Joep Geraedts (The Netherlands) and Tania Milachich (Bulgaria)

09:00 - 09:30	An update on embryo biopsy – Georgia Kokkali (Greece)
09:30 - 09:45	Discussion
09:45 - 10:15	An update of the ESHRE PGD Consortium – Joanne Traeger-Synodinos (Greece)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break

Chairmen: Ursula Eichenlaub-Ritter (Germany) and Georgia Kokkali (Greece)

11:00 - 11:30 RCT results for PGS – Joep Geraedts (The Netherlands)
11:30 - 11:45 Discussion
11:45 - 12:15 The biology of aneuploidy in preimplantation embryos and implications for PGD/PGS
Laura Francesca Rienzi (Italy)
12:15 - 12:30 Discussion
12:30 - 13:30 Lunch

Chairmen: Joanne Traeger-Synodinos (Greece) and Hubert Smeets (The Netherlands)

13:30 - 14:00 Paediatric follow up of children born by PGD/PGS – Maryse Bonduelle (Belgium)
14:00 - 14:15 Discussion
14:15 - 14:45 Next generation sequencing – Rossa Chiu (China)
14:45 - 15:00 Discussion
15:00 - 15:30 Coffee break

Chairmen: Claudia Spits (Belgium) and Edith Coonen (The Netherlands)

15:30 - 16:00 PGD in mitochondrial DNA disorders – Hubert Smeets (The Netherlands)
16:00 - 16:15 Discussion
16:15 - 16:45 Ethical dilemmas in PGD/PGS – Guido De Wert (The Netherlands)
16:45 - 17:00 Discussion
17:00 - 18:00 Business meeting SIG Reproductive Genetics

COURSE 13

Sunday, 29 June | Room 12

Of stem cells and gametes: more similarities than differences

Organised by Special Interest Group Stem Cells

COURSE COORDINATORS: Karen Sermon (Belgium), Rita Vassena (Spain)

COURSE DESCRIPTION: This is an advanced course on the latest developments in the differentiation of human pluripotent stem cells, both embryonic, adult and induced, into gametes, both oocytes and sperm. The course starts with a comparison of different shades of stem cells, and what their potential of differentiation towards gametes are. The differentiation into primordial germ cells starting from the preimplantation embryo is drawn. Two speakers each then describe current knowledge on differentiation of hPSC into either male or female gametes. Alternative routes, such as from the adult ovary and testes are described next.

TARGET AUDIENCE: Target audience are mainly scientists working in the field of stem cells, but also clinical embryologists with a general interest in fundamental embryology and clinicians interested in alternative ways to obtain donor gametes.

COURSE PROGRAMME

Chairmen: Karen Sermon (Belgium) and Cristina Eguizabal (Spain)

09:00 - 09:30	Before the gamete, there was the primordial germ cell – Petra Hajkova (United Kingdom)
09:30 - 09:45	Discussion
09:45 - 10:15	Dazlin' Germ Cells and Pluripotent Stem Cells – Niels Geijsen (USA)
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break

Chairmen: Anna Veiga (Spain) and Bjorn Heindryckx (Belgium)

11:00 - 11:30	Current status of in vitro differentiation of HPSC into female gametes Susana M. Chuva de Sousa Lopes (The Netherlands)
11:30 - 11:45	Discussion
11:45 - 12:15	In vitro differentiation of hPSC into male gametes: current status and the road ahead Cristina Eguizabal (Spain)
12:15 - 12:30	Discussion
12:30 - 13:30	Lunch

Chairmen: Karen Sermon (Belgium) and Rita Vassena (Spain)

13:30 - 14:00	Functional characterization of adult ovary-derived oogonial stem cells in mice, monkeys and women Jonathan L. Tilly (USA)
14:00 - 14:15	Discussion
14:15 - 14:45	Do mitotically active female germline progenitors exist in postnatal mouse ovaries? – Kui Liu (Sweden)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break

Chairmen: Rita Vassena (Spain) and Filippo Zambelli (Italy)

15:30 - 16:00	Spermatogonia stem cells and future fertility – Ans van Pelt (The Netherlands)
16:00 - 16:15	Discussion
16:15 - 16:45	Stem cell based approaches to restore spermatogenesis in monkeys – Stefan Schlatt (Germany)
16:45 - 17:00	Discussion

COURSE 14

Sunday, 29 June | Room 5

New generation patients

**Organised by Task Force Management of Fertility Units, Special Interest Group
Psychology and Counselling & Fertility Europe**

COURSE COORDINATORS: Luca Gianaroli (Italy) and Chris Verhaak (The Netherlands)

COURSE DESCRIPTION: Social and demographic changes occurred in the last few years had an impact also on the demand for ART treatments. Alongside traditional patients, new categories of patients with peculiar needs emerged. At the same time, the role of new technologies in the interaction between clinicians and patients is becoming preponderant. This course aims to provide medical and paramedical staff of IVF units with useful information regarding emerging populations of patients and with tools to face their specific needs. Moreover, the course will analyze the role of new forms of communication in ART with the aim to provide participants with advice on how to manage them in an effective and safe way, thus maximizing their usefulness

TARGET AUDIENCE: Clinicians, psychologists, paramedical staff

COURSE TYPE: Advanced

COURSE PROGRAMME

08:45 - 09:00 Introduction – Veljko Vlasisavljevic (Slovenia)

SESSION 1: NEW GENERATION PATIENTS: SOCIAL ASPECTS

Chairmen: Lieve Decaluwe (Belgium) and Alina David (Romania)

09:00 - 09:30 Evolution of socio-demographic situation and reproductive behaviour: do we see the same patient as before? – Tomas Kucera (Czech Republic)

09:30 - 09:45 Discussion

09:45 - 10:15 Social freezing – Juan Garcia Velasco (Spain)

10:15 - 10:30 Discussion

10:30 - 11:00 Coffee break

SESSION 2: ART FOR MEDICAL REASONS

Chairmen: Denisa Priadkova (Slovakia) and Timur Gurgan (Turkey)

11:00 - 11:30 New applications of PGD – Luca Gianaroli (Italy)

11:30 - 11:45 Discussion

11:45 - 12:15 Gametes storage for fertility preservation – Ana Cristina Cobo Cabal (Spain)

12:15 - 12:30 Discussion

12:30 - 13:30 Lunch break

SESSION 3: ART FOR LEGAL AND SOCIAL REASONS

Chairmen: Paul Devroey (Belgium) and Elin Einarsdottir (Iceland)

13:30 - 14:00	Travelling patients: the business of cross-border – Tonko Mardesic (Czech Republic)
14:00 - 14:15	Discussion
14:15 - 14:45	Different models of family thus different types of ART patient – Amparo Ruiz Jorro (Spain)
14:45 - 15:00	Discussion
15:00 - 15:30	Coffee break

SESSION 4: NEW TECHNOLOGIES AND COMMUNICATION

Chairmen: Sofia Gameiro (Portugal) and Clare Lewis-Jones (United Kingdom)

15:30 - 16:00	E-patients: from Dr. Google to Telemedicine – Karoline Steckley (Italy)
16:00 - 16:15	Discussion
16:15 - 16:45	How to communicate with new generation patients – Sofia Gameiro (Portugal)
16:45 - 17:00	Discussion
17:00 - 17:15	Closing remarks – Paul Devroey (Belgium)

OVERVIEW MONDAY, 30 JUNE 2014

08:30 - 09:30	SESSION 01: ROBERT G. EDWARDS' MEMORIAL KEYNOTE SESSION <ul style="list-style-type: none"> The Human Reproduction Keynote Lecture - The clinical significance of calcium-signalling pathways mediating human sperm hyperactivation Bipedalism: the genesis of uterine fibroids 	Room 14
10:00 - 11:30	SESSION 02: REVISITING EMBRYO CULTURE SESSION 03: RECENT ADVANCES IN PCOS SESSION 04: MALE INFERTILITY SESSION 05: MANAGING ENDOMETRIOSIS SESSION 06: OVARIAN RESERVE AND AGEING SESSION 07: DEVELOPMENTS IN GENETIC ANALYSIS	Room 14 Room 1 Room 13 Room B1 (Hall B0) Room B2 (Hall B0) Room 5
11:45 - 13:00	INDUSTRY-SPONSORED SYMPOSIUM	Room 14
11:45 - 12:45	SESSION 08: FERTILITY PRESERVATION AND THE ROLE OF SURGERY <ul style="list-style-type: none"> Uterine transplantation Ovarian transplantation 	Room 1
11:45 - 12:15	SESSION 09: FERTILITY SOCIETY OF AUSTRALIA EXCHANGE LECTURE <ul style="list-style-type: none"> Paternal obesity impairs the reproductive health and ovarian molecular profile of their female offspring 	Room 13
11:45 - 12:15	SESSION 10: DATA REPORTING SESSION <ul style="list-style-type: none"> Data from the ESHRE PGD Consortium 	Room B1 (Hall B0)
11:45 - 12:45	SESSION 11: PARAMEDICAL INVITED SESSION - LABORATORY <ul style="list-style-type: none"> Isolation and culture of human preantral follicles for fertility preservation Thinking out of the box to bring innovations to the IVF lab 	Room 5
13:00 - 14:00	POSTER DISCUSSIONS	Poster area Foyer level 1
14:00 - 15:15	INDUSTRY-SPONSORED SYMPOSIUM	Room 14
14:00 - 15:00	SESSION 12: WHEN THE FALLOPIAN TUBE FAILS <ul style="list-style-type: none"> Why chlamydia and smoking are bad for your Fallopian tubes - lifestyle factors and other aetiologies contributing to the risk of ectopic pregnancy Translating molecular diagnostics and therapeutics for ectopic pregnancy from the bench top to the clinic 	Room 1

14:00 - 15:00	SESSION 13: FROM PLURIPOTENT STEM CELLS TO GAMETES AND BACK <ul style="list-style-type: none"> • Gametes from pluripotent stem cells: why does it work in the mouse and not in the human? • Genome exchange in human oocytes 	Room 13
14:00 - 15:00	SESSION 14: NOVEL TECHNIQUES IN THE LABORATORY AND IVF OUTCOME	Room 5
15:15 - 16:30	SESSION 15: IVF FROM A VITRIFIED PERSPECTIVE	Room 14
	SESSION 16: OVARIAN STIMULATION	Room 1
	SESSION 17: ART: ECONOMICS AND EPIDEMIOLOGY	Room 13
	SESSION 18: QUALITY WITHIN THE LABORATORY	Room B1 (Hall B0)
	SESSION 19: NEW EVIDENCE IN EARLY PREGNANCY OUTCOME	Room B2 (Hall B0)
	SESSION 20: PSYCHOSOCIAL ISSUES AND CARE IN INFERTILITY	Room 5
17:00 - 18:15	INDUSTRY-SPONSORED SYMPOSIUM	Room 14
17:00 - 18:00	SESSION 21: THE LATEST FINDINGS FROM THE REPROTRAIN CONSORTIA <ul style="list-style-type: none"> • From mouse to human via flies; the latest interdisciplinary andrology research • Is the promise of sperm transcriptomics being kept? 	Room 1
	SESSION 22: REPRODUCTIVE SURGERY	Room 5

MONDAY 30 JUNE 2014

INVITED SESSION

08:30 - 09:30 Room 14

Session 01: Robert G. Edwards' memorial keynote session

Chairman: J.S. Tapanainen (Finland)

Chairman: J. Evers (The Netherlands)

08:30 O-001 The Human Reproduction Keynote Lecture - The clinical significance of calcium-signalling pathways mediating human sperm hyperactivation

C. Barratt¹

¹Ninewells Hospital and Medical School The University of Dundee, Reproductive Medicine, Dundee Scotland, United Kingdom

09:00 O-002 Bipedalism: the genesis of uterine fibroids

G. Vilos¹

¹London Health Sciences Centre- Victoria Campus The Fertility Clinic, Obstetrics and Gynaecology, London Ontario, Canada

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 14

Session 02: Revisiting embryo culture

Chairman: J. Hreinsson (Sweden)

Chairman: V. Nordhoff (Germany)

- 10:00 O-003 Molecular mouse embryo assay: a functional bioassay for studies involving assisted reproductive technologies (ART)**
R. Gilbert¹, S. Es-slami¹, H.T. Ni¹
¹Irvine Scientific, Research & Development, Santa Ana CA, U.S.A.
- 10:15 O-004 In vitro development of donated frozen-thawed human embryos in microfluidic chips: A randomized controlled trial**
D.C. Kieslinger¹, Z. Hao², C.G. Vergouw¹, E.H. Kosteljik¹, C.B. Lambalk¹, S. Le Gac²
¹VU University Medical center, Department of Obstetrics and Gynaecology - IVF center, Amsterdam, The Netherlands
²University of Twente, MESA+ Institute for Nanotechnology - BIOS Lab-on-a-chip, Twente, The Netherlands
- 10:30 O-005 Blastocyst development in single-step versus sequential culture media: a prospective randomized study with sibling oocytes**
I.A. Sfontouris¹, E.M. Kolibianakis², G.T. Lainas¹, I.Z. Zorzovilis¹, G.K. Petsas¹, T.G. Lainas¹
¹Eugonia, Assisted Reproduction Unit, Athens, Greece
²Aristotle University of Thessaloniki, ^{1st} Department of Obstetrics & Gynecology, Thessaloniki, Greece
- 10:45 O-006 Comparisons between different types of culture medium for human embryo development**
M. Shimomura¹, N. Fukunaga², H. Kitasaka², T. Yoshimura¹, F. Tamura², N. Hasegawa¹, K. Nakayama², M. Kato¹, E. Kojima¹, N. Aoyagi¹, H. Ohno², K. Yasue², H. Watanabe¹, Y. Hashiba³, Y. Asada⁴
¹Asada Ladies Kachigawa Clinic, Center for reproduction, Nagoya, Japan
²Asada Ladies Nagoya Clinic, Center for reproduction, Nagoya, Japan
³Asada Ladies Kachigawa Clinic, Department of Obstetrics and Gynecology, Nagoya, Japan
⁴Asada Ladies Nagoya Clinic, Department of Obstetrics and Gynecology, Nagoya, Japan
- 11:00 O-007 Protein-free culture medium has a negative effect on embryo quality: data analysis of a cancelled randomized trial**
J. Devroe¹, S. Debrock¹, H. Afschrift¹, T.M. D'Hooghe¹, C. Spiessens¹
¹Leuven University Hospital, Leuven University Fertility Center, Leuven, Belgium
- 11:15 O-008 Developmental evaluation of human embryos cultured in two different systems: sequential versus single medium**
C. Scarica¹, L. Dovere¹, M. Stoppa¹, S. Romano¹, E. Ievoli¹, L. Albricci¹, F. Sanges¹, A. Capalbo¹, F.M. Ubaldi¹, L. Rienzi¹
¹Genera c/o Clinica Valle Giulia, Gynecology, Roma, Italy

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 1

Session 03: Recent advances in PCOS

Chairman: L.C. Morin - Papunen (Finland)

Chairman: T. Strowitzki (Germany)

- 10:00 O-009 Metastin levels in relation with hormonal and metabolic profile in patients with polycystic ovary syndrome**
S.A. Yilmaz¹, O. Secilmis Kerimoglu¹, A. Pekin¹, F. Incesu¹, N.U. Dogan², C. Celik¹, A. Unlu³
¹Selcuk University Medicine Faculty, Obstetrics and Gynecology, Konya, Turkey
²Akdeniz University Medicine Faculty, Obstetrics and Gynecology, Antalya, Turkey
³Selcuk University Medicine Faculty, Biochemistry, Konya, Turkey
- 10:15 O-010 miRNA expression profile and bioinformatics analysis in polycystic ovary syndrome patients with insulin resistance**
J. Huang¹, L.L. Huang¹, X.L. Chen¹, Z. Dong¹, L.L. Jiang¹, D.Z. Yang¹
¹Sun Yat-sen Memorial Hospital Sun Yat-sen University, Department of Obstetrics and Gynecology, Guangzhou, China
- 10:30 O-011 The role of subcutaneous adipose tissue in the development of hyperandrogenism in PCOS**
N. Azanati¹, R. Khan¹, S. Amer¹
¹University of Nottingham, Gynaecology, Derby, United Kingdom
- 10:45 O-012 Metabolic response to folate supplementation in overweight women with polycystic ovary syndrome: a randomized double-blind placebo-controlled clinical trial**
M. Samimi¹, Z. Asemi², M. Karamali³, F. Foroozanfar⁴, A. Esmailzadeh⁵
¹Kashan University of Medical Sciences, Department of Gynecology and Obstetrics, Kashan, Iran
²Kashan University of Medical Sciences, Research Center for Biochemistry and Nutrition in Metabolic Diseases, kashan, Iran
³Department of Gynecology and Obstetrics School of Medicine Arak University of Medical Sciences Arak I.R. Iran, Department of Gynecology and Obstetrics, Arak, Iran
⁴Department of Gynecology and Obstetrics School of Medicine Kashan University of Medical Sciences Kashan I.R. Iran, Department of Gynecology and Obstetrics, Kashan, Iran
⁵Food Security Research Center Isfahan University of Medical Sciences Isfahan Iran, Department of Community Nutrition, Isfahan, Iran

- 11:00 O-013 **Polycystic ovary syndrome (PCOS) is associated with depression and anxiety, and decreases quality of life independently of BMI - a population based cohort analysis**
S. Karjula¹, T. Nordström², J. Auvinen³, J.S. Tapanainen⁴, L. Morin-Papunen¹, J. Miettunen⁵, T.T. Piltonen¹
- ¹University of Oulu and Oulu University Hospital, Department of Obstetrics and Gynecology, Oulu, Finland
- ²University of Oulu, Department of Epidemiology and Biostatistics and Institute of Health Sciences, Oulu, Finland
- ³University of Oulu, Institute of Health Sciences, Oulu, Finland
- ⁴University of Oulu and Oulu University Hospital and University of Helsinki and Helsinki University Hospital, Department of Obstetrics and Gynecology, Helsinki, Finland
- ⁵University of Oulu and Oulu University Hospital, Department of Psychiatry, Oulu, Finland
- 11:15 O-014 **The adverse effect of obesity/high fat diet on oocyte quality and metabolism is not reversible with resumption of regular diet in mice**
K.H. Moley¹, K. Reynolds¹, A. Boudoures¹
- ¹Washington University School of Medicine, OB/GYN, St Louis, U.S.A.

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 13

Session 04: Male infertility

Chairman: H. Tournaye (Belgium)

Chairman: H.M. Behre (Germany)

- 10:00 O-015 Functional characterization of gpr55 receptor in human spermatozoa reveals a novel biological role for the phospholipid lysophosphatidylinositol in sperm motility and viability**
A.A. Amoako¹, T.H. Marczylo², E.L. Marczylo², J. Elson³, J.M. Willets⁴, A.H. Taylor⁴, J.C. Konje⁴
¹Leeds Teaching Hospital NHS Trust, Leeds Centre for Reproductive Medicine, Leeds, United Kingdom
²Health Protection Agency, Centre for Radiation Chemical and Environmental Hazards, Didcot Chilton, United Kingdom
³London Women's Hospital, ¹¹³ - ¹¹⁵ Harley Street, London, United Kingdom
⁴University of Leicester, Endocannabinoid Research Group Reproductive Science Section Department of Cancer Studies and Molecular Medicine, Leicester, United Kingdom
- 10:15 O-016 Artificial insemination with donor sperm (AID): heterogeneity in sperm banking facilities in a single country**
A. Thijssen¹, E. Klerkx², A. Cox², E. Vandormael², N. Dhont², W. Ombelet²
¹Hasselt University, Faculty of Medicine and Life Sciences, Hasselt, Belgium
²Ziekenhuis Oost-Limburg, Department of Obstetrics and Gynaecology, Genk, Belgium
- 10:30 O-017 Does body mass index influence sperm parameters in infertile men**
S. Mirallié - Nussbaumer¹, J. Lammers¹, C. Splingart¹, M. Jean¹, P. Barrière¹, T. Fréour¹
¹University Hospital of Nantes, ART Centre, Nantes, France
- 10:45 O-018 In male factor infertility, the level of DNA fragmentation in sperm correlates with polymorphism of follicle-stimulating hormone receptor**
I. Zhykova¹, O. Feskov¹, O. Tischenko¹, O. Blazhko¹, O. Somova¹
¹Centre of Human Reproduction Sana-Med, IVF department, Kharkiv, Ukraine
- 11:00 O-019 Cerium dioxide nanoparticles induce DNA damage in human spermatozoa**
J. Perrin¹, V. Tassistro², M. Auffan³, W. Liu³, A. Botta⁴, I. Sari-Minodier⁴, J.Y. Bottero³, T. Orsiere², J. Rose³, B. Courbiere⁵
¹AP-HM, La Conception CECOS Lab Biology of Reproduction Gynepole, 13385 Marseille Cedex 5, France
²Aix-Marseille Université, IMBE UMR CNRS 7263 Biogénotoxicology Human Health & Environment Fédération de Recherche CNRS 3098 ECCOREV Labex SERENADE: ANR-11-LABX-0064, 13385 Marseille Cedex 5, France
³Aix-Marseille Université, Centre Européen de Recherche et d'Enseignement des Géosciences de l'Environnement (CEREGE) UMR CNRS 7330 Labex SERENADE: ANR-11-LABX-0064 Europole de l'Arbois, 13545 Aix-en-Provence cedex 5, France
⁴AP-HM, La Timone Service de Médecine et Santé au Travail, 13385 Marseille cedex 5, France
⁵AP-HM, La Conception Centre de Procréation Médicalement Assistée Gynépole, 13385 Marseille Cedex 5, France

- 11:15 O-020 **Comparisons of pregnancy rates at insemination based on total motile sperm counts from the 1999 and 2010 World Health Organization(WHO) semen analysis norms**
M.H. Dahan¹, S.E. Baker², C. Agbo²
¹Royal Victoria Hospital, McGill Reproductive Center, Montreal QC, Canada
²Stanford University, Obstetrics and Gynecology, Stanford, U.S.A.

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room B1 (Hall B0)

Session 05: Managing endometriosis

Chairman: M. Nisolle (Belgium)

Chairman: J.-S. Krüssel (Germany)

- 10:00 O-021 Magnetic resonance enema versus rectal water contrast transvaginal ultrasonography in the diagnosis of rectosigmoid endometriosis**
E. Tafi¹, V. Remorgida¹, L. Odetto¹, A. Racca¹, I. Erasmo¹, C. Scala¹, U. Leone Roberti Maggiore², E. Biscaldi³, G.A. Rollandi³, P.L. Venturini¹, S. Ferrero¹
¹San Martino Hospital and National Institute for Cancer Research University of Genoa, Department of Obstetrics and Gynecology, Genoa, Italy
²IRCCS San Raffaele Hospital, Department of Obstetrics and Gynecology, Milan, Italy
³Galliera Hospital, Department of Radiology, Genoa, Italy
- 10:15 O-022 Virtual salpingoscopy and hysteroscopy with fly thru: a new approach for ultrasonographic study of fallopian tubes and uterine morphology in infertile patients**
A. Stepniewska¹, C. Signori¹, M. Scioscia¹, L. Minelli¹, G. Trivella¹
¹Ospedale Generale Di Zona Sacro Cuore, Rep. Ginecologia, Negrar, Italy
- 10:30 O-023 High prevalence of adenomyosis in recurrent pregnancy loss and previous ART failure**
J. Puente Agueda¹, I. Ortega¹, J. Martinez- Salazar¹, L. Contreras¹, C. Iglesias¹, J.A. García-Velasco¹
¹IVI Madrid, Reproduction, Madrid, Spain
- 10:45 O-024 Impact on ovarian reserve of second laparoscopic surgery for recurrent unilateral endometriotic cyst: case-control study**
S. Ferrero¹, V. Remorgida¹, C. Scala¹, L. Odetto¹, P.L. Venturini¹, M. Candiani², S. Salvatore³, E. Papaleo³, U. Leone Roberti Maggiore³
¹San Martino Hospital and National Institute for Cancer Research University of Genoa, Department of Obstetrics and Gynecology, Genoa, Italy
²Vita - Salute San Raffaele University Hospital, Department of Obstetrics and Gynecology, Milan, Italy
³IRCCS San Raffaele Hospital, Department of Obstetrics and Gynecology, Milan, Italy
- 11:00 O-025 Aromatase Inhibitor plus GnRH analogue in the treatment of patient with ovarian endometriosis recurrence after surgery: a controlled trial**
F. Scarpellini¹, M. Sbracia¹
¹Hungaria, Private Center, Rome, Italy
- 11:15 O-026 The ESHRE's endometriosis app, based on ESHRE's 2013 guideline on the management of women with endometriosis**
G. Dunselman¹, N. Vermeulen², A. Nap³
¹Maastricht University Medical Center, Dept. Ob/Gyn, Maastricht, The Netherlands
²ESHRE, Central Office, Grimbergen, Belgium
³Rijnstate Ziekenhuis, Dept. Ob/Gyn, Arnhem, The Netherlands

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room B2 (Hall B0)

Session 06: Ovarian reserve and ageing

Chairman: F. Ubaldi (Italy)

Chairman: Chairman to be announced

10:00 O-027 Is the prevalence of impaired ovarian reserve overrepresented among infertile women below the age of 40 - an age-adjusted cohort study

H.W. Hvidman¹, J.G. Bentzen¹, L. Thuesen², M.P. Lauritsen¹, A. Loft¹, A. Pinborg²,
A. Nyboe Andersen¹

¹Rigshospitalet, Fertility Clinic, Copenhagen O, Denmark

²Hvidovre Hospital, Department of Obstetrics and Gynaecology, Copenhagen V, Denmark

10:15 O-028 BRCA1/2 mutation carriers do not have earlier natural menopause compared to proven non-carriers: report from the Dutch hereditary breast and ovarian cancer study group (HEBON)

T.C. Van Tilborg¹, F.J.M. Broekmans¹, L.H. Schrijver², T.M. Mooij², A. Pijpe², J.C. Oosterwijk³,
S. Verhoef⁴, E.B. Gómez García⁵, W.A.G. Van Zelst-Stams⁶, M.A. Adank⁷, C.J. Van Asperen⁸,
H.C. Van Doorn⁹, T.A.M. Van Os¹⁰, M.A. Rookus², M.G.E.M. Ausems¹¹

¹University Medical Center Utrecht, Reproductive Medicine, Utrecht, The Netherlands

²Netherlands Cancer Institute, Department of Epidemiology, Amsterdam, The Netherlands

³University Medical Center Groningen, Department of Genetics, Groningen, The Netherlands

⁴Netherlands Cancer Institute, Family Cancer Clinic, Amsterdam, The Netherlands

⁵Maastricht University Medical Center, Department of Clinical Genetics and GROW, Maastricht, The Netherlands

⁶Radboud University Medical Center, Department of Human Genetics, Nijmegen, The Netherlands

⁷VU University Medical Center, Department of Clinical Genetics, Amsterdam, The Netherlands

⁸Leiden University Medical Center, Department of Clinical Genetics, Leiden, The Netherlands

⁹Erasmus University Medical Center, Department of Obstetrics and Gynaecology, Rotterdam, The Netherlands

¹⁰Academic Medical Center, Department of Clinical Genetics, Amsterdam, The Netherlands

¹¹University Medical Center Utrecht, Department of Medical Genetics, Utrecht, The Netherlands

10:30 O-029 Poor responders (PR): androgens concentration in plasma and follicular fluid at the day of follicular aspiration

A. Fuentes¹, A. Muñoz¹, A. Martínez¹, J. Escalona¹, F. Orge¹, A. Godoy¹

¹IDIMI - Hospital San Borja, Reproduccion Humana, Santiago RM, Chile

- 10:45 O-030 **Anti-müllerian hormone in prediction of menopause: results from a large prospective cohort study**
M. Dolleman¹, W.M.M. Verschuren², M.J.C. Eijkemans³, F.J.M. Broekmans¹, Y.T. Van der Schouw³
¹University Medical Centre Utrecht, Department of Reproductive Medicine & Gynaecology, Utrecht, The Netherlands
²National Institute for Public Health and the Environment, National Institute for Public Health and the Environment, Bilthoven, The Netherlands
³University Medical Centre Utrecht, Julius Center for Health Sciences and Primary Care, Utrecht, The Netherlands
- 11:00 O-031 **A prospective randomised controlled study (RCT) on role of dehydroepiandrosterone (DHEA) on improving the ovarian response in known poor responders in previous failed IVF-ICSI cycle**
A. Jindal¹, R. Singh¹
¹Bhopal Test Tube Baby Centre, Infertility, Bhopal, India
- 11:15 O-032 **450 IU vs. 600 IU of gonadotropins for controlled ovarian stimulation in poor responders: a randomized controlled trial**
J. Lefebvre¹, R. Antaki¹, N. Dean¹, C. Sylvestre¹, F. Bissonnette¹, I.J. Kadoch¹, J. Benoit¹, S. Ménard¹, E. Monceau¹, L. Lapensée¹
¹OVO Clinic, University of Montreal Department of Obstetrics and Gynecology, Montreal, Canada

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 5

Session 07: Developments in genetic analysis

Chairman: J. Traeger-Synodinos (Greece)

Chairman: T. Buchholz (Germany)

- 10:00 O-033 Development, validation and clinical application of a next-generation sequencing (ngs)-based protocol for 24-chromosome aneuploidy screening of embryos**
F. Fiorentino¹, A. Biricik¹, S. Bono¹, L. Spizzichino¹, E. Cotroneo¹, G. Cottone¹, F. Kokocinski², C.E. Michel², M.G. Minasi³, E. Greco³
¹GENOMA - Molecular Genetics Laboratory, Preimplantation Genetic Diagnosis, Roma, Italy
²BlueGnome Ltd, Cambridge, United Kingdom
³European Hospital, Reproductive Medicine, Rome, Italy
- 10:15 O-034 Trophectoderm biopsy for aneuploidy screening using different platforms and conflicting test results**
N. Esfandiari¹, Y. Bentov¹, R.F. Casper¹
¹University of Toronto TCART, OB-GYN, Toronto, Canada
- 10:30 O-035 RCT study in advanced maternal age patients using array-CGH: interim analysis**
C. Rubio¹, J. Bellver², G. Castellón³, A. Guillem⁴, C. Vidal², J. Giles², J. Remohí², A. Pellicer², C. Simon⁵
¹IVIOMICS Fundación Instituto Valenciano de Infertilidad (FIVI)/INCLIVA, Molecular Cytogenetics, Valencia, Spain
²Instituto Universitario IVI, Reproductive Medicine, Valencia, Spain
³Instituto Universitario IVI, Reproductive Medicine, Barcelona, Spain
⁴Instituto Universitario IVI, Reproductive Medicine, Madrid, Spain
⁵Instituto Universitario IVI Fundación Instituto Valenciano de Infertilidad (FIVI)/INCLIVA School of Medicine Stanford University, Department of Obstetrics and Gynecology, California, U.S.A.
- 10:45 O-036 A direct comparison of next generation sequencing (NGS) and array-cgh for PGD for structural chromosomal abnormalities**
T. Gordon¹, L. Xanthopoulou¹, C. Lynch², H. Forbes², F. Kokocinski³, C. Michel³
¹Genesis Genetics London, Genesis Genetics, London, United Kingdom
²Genesis Genetics Europe, Genesis Genetics, Nottingham, United Kingdom
³Illumina, Illumina, Cambridge, United Kingdom
- 11:00 O-037 Use of single nucleotide polymorphism (SNP) arrays and karyomapping in a clinical setting for preimplantation genetic diagnosis (PGD) of single gene disorders**
R. Prates¹, M. Konstantinidis¹, S.K.A. Natesan², N. Goodall¹, P. Colls¹, J. Fischer¹, A.H. Handyside², S. Munne¹
¹Reprogenetics LLC, Livingston, New Jersey, U.S.A.
²Illumina, Fulbourn, Cambridge, United Kingdom

11:15 O-038 Comparison of next generation sequencing (NGS) and aCGH for PGS

A. Kung¹, D. Wells², S. Munne³, K. Kaur⁴, J. Taylor⁴, E. Fragoul², P. Colls³, L. Ribustello³

¹*Reprogenetics, Clinical, Portland, U.S.A.*

²*Reprogenetics UK, Clinical, Oxford, United Kingdom*

³*Reprogenetics, Clinical, Livingston, U.S.A.*

⁴*Welcome Trust Centre for Human Genetics University of Oxford, Clinical, Oxford, United Kingdom*

MONDAY 30 JUNE 2014

INVITED SESSION

11:45 - 12:45 Room 1

Session 08: Fertility preservation and the role of surgery

Chairman: A. Feki (Switzerland)

Chairman: T. Li (United Kingdom)

11:45 0-039 Uterine transplantation

M. Brännström¹

¹Sahlgrenska University Hospital, Kvinnokliniken - Dept. of Obstetrics & Gynecology, Göteborg, Sweden

12:15 0-040 Ovarian transplantation

M.M. Dolmans¹

¹Université Catholique de Louvain, Gynecology Unit, Brussels, Belgium

MONDAY 30 JUNE 2014

INVITED SESSION

11:45 - 12:15 Room 13

Session 09: Fertility Society of Australia Exchange Lecture

Chairman: Keith Harrison (Australia)

11:45 0-041 Paternal obesity impairs the reproductive health and ovarian molecular profile of their female offspring

H. Shehadeh¹, T. Fullston¹, L. Sandeman¹, W. Kang¹, M. Lane¹

¹University of Adelaide, School of Paediatrics and Reproductive Health, Adelaide, Australia

MONDAY 30 JUNE 2014

INVITED SESSION

11:45 - 12:15 Room B1 (Hall B0)

Session 10: Data reporting session

Chairman: J. Harper (United Kingdom)

Chairman: J. Geraedts (The Netherlands)

11:45 0-042 Data from the ESHRE PGD Consortium

J. Traeger-Synodinos¹, E.C. Coonen², M. De Rycke³, C. Moutou⁴, S. SenGupta⁵, V. Goossens⁶

¹University of Athens St.Sophia's Children's Hospital, Department of Medical Genetics, Athens, Greece

²Maastricht University Medical Center, Dept of Clinical Genetics Department of Obstetrics & Gynaecology, Maastricht, The Netherlands

³UZ Brussel, Centre for Medical Genetics, Brussels, Belgium

⁴Universitaires de Strasbourg Hôpitaux Universitaires de Strasbourg, Service de la Biologie de la Reproduction CMCO, Schiltigheim, France

⁵University College London, UCL Centre for PG & D Institute for Women's Health, London, United Kingdom

⁶ESHRE, PGD Consortium, Grimbergen, Belgium

MONDAY 30 JUNE 2014

INVITED SESSION

11:45 - 12:45 Room 5

Session 11: Paramedical invited session - Laboratory

Chairman: L. Van Den Hoven (The Netherlands)

Chairman: Y. Guns (Belgium)

11:45 0-043 Isolation and culture of human preantral follicles for fertility preservation

S.G. Kristensen¹, S. Jabeen Shah Dar¹, C. Yding Andersen¹

¹Copenhagen University Hospital (Rigshospitalet), Laboratory of Reproductive Biology Section 5712, Copenhagen, Denmark

12:15 0-044 Thinking out of the box to bring innovations to the IVF lab

S. Repping¹

¹Academic Medical Center / University of Amsterdam, Center for Reproductive Medicine, Amsterdam, The Netherlands

MONDAY 30 JUNE 2014

INVITED SESSION

14:00 - 15:00 Room 1

Session 12: When the Fallopian tube fails

Chairman: K. Diedrich (Germany)

Chairman: R.G. Farquharson (United Kingdom)

14:00 0-045 **Why chlamydia and smoking are bad for your Fallopian tubes - lifestyle factors and other aetiologies contributing to the risk of ectopic pregnancy**

A.W. Horne¹

¹University of Edinburgh, MRC Centre for Reproductive Health, Edinburgh, United Kingdom

14:30 0-046 **Translating molecular diagnostics and therapeutics for ectopic pregnancy from the bench top to the clinic**

S. Tong¹

¹Translational Obstetrics Group at The University of Melbourne, Department of Obstetrics and Gynaecology at Mercy Hospital for Women, Heidelberg Victoria, Australia

MONDAY 30 JUNE 2014

INVITED SESSION

14:00 - 15:00 Room 13

Session 13: From pluripotent stem cells to gametes and back

Chairman: A. Veiga (Spain)

Chairman: K. Sermon (Belgium)

14:00 0-047 Gametes from pluripotent stem cells: why does it work in the mouse and not in the human?

S. Chuva De Sousa Lopes¹

¹*Leiden University Medical Centre, Department of Anatomy and Embryology T1-32, Leiden, The Netherlands*

14:30 0-048 Genome exchange in human oocytes

D. Egli¹, M. Yamada¹, B. Johannesson¹, D. Paull¹, M. Hirano², V. Emmanuele², R. Goland³, R. Leibel³, M. Sauer⁴

¹*The New York Stem Cell Foundation, NYSCF, New York NY, U.S.A.*

²*Columbia University, Neurology, New York NY, U.S.A.*

³*Columbia University, Pediatrics, New York NY, U.S.A.*

⁴*Columbia University, Obstetrics and Gynecology, New York NY, U.S.A.*

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:00 Room 5

Session 14: Novel techniques in the laboratory and IVF outcome

Chairman: C. Westin (Sweden)

Chairman: S. Cukurcam (Germany)

- 14:00 O-049 In-vitro maturation of cumulus enclosed oocytes collected from the remaining medulla tissue at the time of ovarian tissue cryopreservation**
S. Lierman¹, K. Tilleman¹, C. De Roo¹, M. Cornelissen², W.H. De Vos³, S. Weyers⁴, G. T'Sjoen⁵, C.A. Cuvelier⁶, P. De Sutter¹
¹Ghent University Hospital, Department for Reproductive Medicine, Ghent, Belgium
²Ghent University Hospital, Department of Basic Medical Science - Faculty of Medicine and Health Science, Ghent, Belgium
³Ghent University Hospital, Department of Molecular Biotechnology - Faculty of Bioscience Engineering, Ghent, Belgium
⁴Ghent University Hospital, Department of Gynaecology, Ghent, Belgium
⁵Ghent University Hospital, Department of Endocrinology, Ghent, Belgium
⁶Ghent University Hospital, Department of Pathology, Ghent, Belgium
- 14:15 O-050 Follow-up of child growth regarding new technologies: testicular sperm extraction (TESE), in vitro maturation (IVM) and assisted oocyte activation (AOA)**
H. Hattori¹, T. Kyoya¹, Y. Nakamura¹, N. Matsukawa¹, T. Miyagawa¹, S. Suzuki¹, M. Doshida¹, M. Toya¹, K. Kyono¹
¹Kyono ART Clinic, Obstetrics and Gynecology, Sendai, Japan
- 14:30 O-051 Outcome of ICSI after removal of apoptotic sperm by magnetic activating cell sorting**
N. Silver¹, M. Lennartsson¹, F. Hambiliki¹, M. Bungum¹
¹Skånes Universitetssjukhus, Reproduktionsmedicinskt Centrum, Malmö, Sweden
- 14:45 O-052 Morphokinetics of embryos derived from cryopreserved human oocytes assessed by time-lapse cinematography (tlc)**
C. Shitara¹, Y. Nakamura¹, H. Hattori¹, Y. Nakajo¹, Y. Sato¹, T. Kyoya¹, N. Matsukawa¹, T. Oyama², T. Takeuchi², K. Kyono¹
¹Kyono ART Clinic, Dep. of Ob/Gyn, Sendai, Japan
²Kyono ART Clinic Takanawa, Dep. of Ob/Gyn, Tokyo, Japan

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 14

Session 15: IVF from a vitrified perspective

Chairman: T. Ebner (Austria)

Chairman: A.C. Cobo Cabal (Spain)

- 15:15 O-053 Is time now for single frozen embryo transfer? A retrospective analysis of 2146 frozen cycles**
D. Raick¹, S. Demelenne¹, A. Larbuisson¹, A. Delvigne¹
¹CHC - Clinique Saint Vincent, Reproductive Medicine, Rocourt, Belgium
- 15:30 O-054 Vitrification of germinal vesicle (GV) stage oocytes physically disrupts contact with the surrounding cumulus granulosa cells**
J. Suzuki¹, E. Garcia Cerrudo¹, S. El-Hayek¹, H. Clarke¹, H. Holzer¹, W.Y. Son¹
¹McGill University Health Center, Obstetrics and Gynecology, Montreal, Canada
- 15:45 O-055 Clinical outcomes following cryopreservation of blastocysts by vitrification and slow freezing: a population-based cohort study**
Z. Li¹, Y.A. Wang¹, W. Ledger², D.H. Edgar³, E.A. Sullivan¹
¹The University of New South Wales, National Perinatal Epidemiology and Statistics Unit, Sydney, Australia
²The University of New South Wales, School of Women's and Children's Health, Sydney, Australia
³Royal Women's Hospital, Melbourne IVF/Reproductive Services, Melbourne, Australia
- 16:00 O-056 Freeze All Embryos: a cycle rescue or a novel strategy**
E. Papaleo¹, P. Viganò¹, D. Delprato¹, L. Corti¹, V. Vanni¹, G. Carminati¹, P. Giardina¹, P. Persico¹, S. Vailati¹, L. De Santis¹, M. Candiani¹
¹San Raffaele, Gynecology and Obstetrics, MILANO (MI), Italy
- 16:15 O-057 Vitrification impact on human oocyte mitochondrial activity and redox homeostasis**
M. Nohales Córcoles¹, G. Sevillano Almerich¹, G. Di Emidio², R. Dumollard³, C. Tatone², A.C. Cobo¹, M.J. De los Santos Molina¹
¹IVI-Valencia, Embryology, Valencia, Spain
²Università degli Studi dell'Aquila, Department of Health Sciences, L'Aquila, Italy
³Centre National de la Recherche (CNRS), UPMC University, Villefranche-sur-Mer, France

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 1

Session 16: Ovarian stimulation

Chairman: E. Kolibianakis (Greece)

Chairman: M. Bals - Pratsch (Germany)

- 15:15 O-058 **Comparison of luteal-phase (LP) versus early-follicular-phase(EFP) ovarian stimulation in the same oocyte donor and pregnancy rates among corresponding recipients of vitrified oocytes**
F. Martinez De San Andres¹, E. Clua¹, M. Devesa¹, G. Arroyo¹, M. Solé¹, I. Rodríguez¹, B. Coroleu¹, P.N. Barri¹
¹Hospital Universitari Quiron Dexeus, Servicio de Medicina de la Reproduccion, Barcelona, Spain
- 15:30 O-059 **Antral follicle priming prior to ICSI in confirmed low responders: a randomized clinical trial (FOLLPRIM)**
A. Marzal¹, M. Monterde¹, C. Díaz-García¹, R. Gómez², J.M. Rubio¹, A. Pellicer¹
¹Hospital Universitario y Politécnico La Fe. Universidad de Valencia, Unidad de Reproducción Humana. Área de Salud de la Mujer, Valencia, Spain
²Instituto Universitario IVI-INCLIVA, Pediatría Obstetricia y Ginecología, Valencia, Spain
- 15:45 O-060 **Is the current dosing guidance for corifollitropin alfa, based on body weight and age, able to optimize ovarian response to controlled ovarian stimulation?**
M. Prohn¹, A. Zandvliet¹, B.J. Stegmann², K. Gordon²
¹MSD Oss B.V., Biostatistics and Research Decision Sciences (BARDS), Oss, The Netherlands
²Merck & Co. Inc., Global Medical Affairs Women's Health and Endocrine, Whitehouse Station NJ, U.S.A.
- 16:00 O-061 **Measurement of endogenous LH surge after GnRH agonist trigger in GnRH antagonist cycles to predict trigger failure**
J.P. Rouleau¹, C.R. García-Guzmán¹, J. Hernandez¹, R. García Sánchez¹, L. González Alemán¹, M. Puopolo², A. Palumbo¹
¹Centro de Asistencia a la Reproducción Humana de Canarias, La Laguna, Spain
²Istituto Superiore di Sanità, Department of Cell Biology and Neurosciences, Rome, Italy
- 16:15 O-062 **The predictive accuracy of anti-Müllerian hormone for live birth after assisted conception: a systematic review and meta-analysis of the literature**
S. Iliodromiti¹, T.W. Kelsey², O. Wu³, R.A. Anderson⁴, S.M. Nelson¹
¹University of Glasgow, Reproductive and Maternal Medicine, Glasgow, United Kingdom
²University of St Andrews, Computer Science, St Andrews, United Kingdom
³Institute of Health and Wellbeing University of Glasgow, Health Economics and Health Technology, Glasgow, United Kingdom
⁴Queens Medical Research Institute University of Edinburgh, Medical Research Council Centre for Reproductive Health, Edinburgh, United Kingdom

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 13

Session 17: ART: Economics and epidemiology

Chairman: A. Ruiz (Spain)

Chairman: K. Bühler (Germany)

- 15:15 O-063 Funding source and outcomes of clinical trials in reproductive medicine**
M. Braakhekke¹, I. Scholten¹, F. Mol¹, B.W. Mol², F. Van der Veen¹
¹Academic Medical Center, Center for Reproductive Medicine, Amsterdam, The Netherlands
²University of Adelaide, Department of Obstetrics and Gynaecology, Adelaide, Australia
- 15:30 O-064 Long-term relationship of ovulation-stimulating drugs to breast and gynecologic cancers**
B. Scoccia¹, K. Moghissi², C. Westhoff³, S. Niwa⁴, D. Ruggieri⁵, B. Trabert⁶, E. Lamb⁷, L. Brinton⁶
¹University of Illinois at Chicago, Obstetrics and Gynecology, Chicago IL, U.S.A.
²Wayne State University, Obstetrics and Gynecology, Detroit MI, U.S.A.
³Columbia University, Obstetrics and Gynecology, New York NY, U.S.A.
⁴Westat Inc., Rockville MD, U.S.A.
⁵IMS Inc., Rockville MD, U.S.A.
⁶National Cancer Institute, Division of Cancer Epidemiology and Genetics, Bethesda MD, U.S.A.
⁷Stanford University, Department of Obstetrics and Gynecology, Stanford CA, U.S.A.
- 15:45 O-065 Ovarian response to stimulation and obstetric outcomes: an analysis of 89,202 IVF birth outcomes**
S. Seshadri¹, S. Sunkara¹
¹Guys Hospital, Assisted Conception Unit, London, United Kingdom
- 16:00 O-066 Increased risk of psychiatric disorders in children born to women with fertility problems: results from a large Danish population-based cohort study**
A. Jensen¹, M. Hargreave¹, K.J. Plessen², M. Svahn¹, T.S.S. Nielsen¹, S.K. Kjaer³
¹Danish Cancer Society Research Center, Virus Lifestyle and Genes, Copenhagen O, Denmark
²Capital Region/University of Copenhagen, Mental Health Centre for Child and Adolescent Psychiatry/ Department of Clinical Medicine, Copenhagen, Denmark
³Danish Cancer Society Research Center/University of Copenhagen, Virus Lifestyle and Genes/ Department of Gynaecology The Juliane Marie Centre Rigshospitalet, Copenhagen O, Denmark

- 16:15 O-067 **Long-term (18-year) cost-effectiveness of single and double embryo transfer strategies**
M.M.J. Van Heesch¹, J.L.H. Evers², J.C.M. Dumoulin², M. Van der Hoeven³, C.E.M. Van Beijsterveldt⁴,
G.J. Bonse⁵, R.H.M. Dykgraaf⁶, J.B. Van Goudoever⁷, C. Koopman-Esseboom⁸, W.L.D.M. Nelen⁹,
K. Steiner¹⁰, P. Tamma¹¹, N. Tonch¹², P. Van Zonneveld¹³, C.D. Dirksen¹
- ¹Maastricht University Medical Centre, Department of Clinical Epidemiology and Medical Technology Assessment, Maastricht, The Netherlands
- ²Maastricht University Medical Centre, Department of Obstetrics and Gynecology, Maastricht, The Netherlands
- ³Maastricht University Medical Centre, Department of Neonatology, Maastricht, The Netherlands
- ⁴VU University, Department of Biological Psychology, Amsterdam, The Netherlands
- ⁵Erasmus Medical Center, Department of Obstetrics and Prenatal Medicine, Rotterdam, The Netherlands
- ⁶Erasmus Medical Center, Department of Obstetrics and Gynecology, Rotterdam, The Netherlands
- ⁷VU University Medical Center, Department of Pediatrics, Amsterdam, The Netherlands
- ⁸Wilhelmina Children's Hospital, Department of Neonatology, Utrecht, The Netherlands
- ⁹Radboud University Nijmegen Medical Center, Department of Obstetrics and Gynecology, Nijmegen, The Netherlands
- ¹⁰Radboud University Nijmegen Medical Center, Department of Neonatology, Nijmegen, The Netherlands
- ¹¹Emma Children's Hospital, Department of Neonatology, Amsterdam, The Netherlands
- ¹²Academic Medical Center, Center of Reproductive Medicine, Amsterdam, The Netherlands
- ¹³University Medical Center Utrecht, Department of Reproductive Medicine, Utrecht, The Netherlands

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room B1 (Hall B0)

Session 18: Quality within the laboratory

Chairman: K. Tilleman (Belgium)

Chairman: J. Hirchenhain (Germany)

- 15:15 O-068 To err is human, even in IVF: A review of non-conformances/errors in 31,715 in vitro fertilization (IVF) treatment cycles**
D. Sakkas¹, C.B. Barrett¹, M. Alper¹
¹Boston IVF, Waltham MA, U.S.A.
- 15:30 O-069 Epigenetic evaluation on chemical substances contamination in IVF culture media**
T. Makino¹
¹Fuji-oyama Hospital, Director Office, Oyama-cho, Japan
- 15:45 O-070 Volatile organic compounds (vocs) in the ivf laboratory: presence and concentrations in ambient air, sources of emission and effects of laboratory relocation to new premises.**
B. Brauer¹, E.A. Schwanbom², B. Schöpfer¹, S. Al-Hasani¹, M. Depenbusch¹, G. Griesinger¹
¹Universität zu Lübeck, Department of Gynecological Endocrinology and Reproductive Medicine, Lübeck, Germany
²University of Applied Sciences Lübeck, Biomedical Engineering, Lübeck, Germany
- 16:00 O-071 No difference in singleton birth weight according to the type of culture medium and according to the duration of in-vitro culture**
A. De Vos¹, P. Haentjens², M. Bonduelle³, H. Tournaye¹, G. Verheyen¹
¹UZ Brussel, Centrum voor Reproductieve Geneeskunde, Brussels, Belgium
²UZ Brussel, Centre for Outcomes Research and Laboratory for Experimental Surgery, Brussels, Belgium
³UZ Brussel, Centrum voor Medische Geneeskunde, Brussels, Belgium
- 16:15 O-072 Toxicity testing of decontaminating agents and cleaning products used in human IVF laboratories**
G. Verheyen¹, S. 'T Sas², R. Souffreau¹, R. Janssens¹, R. Cortvrindt²
¹UZ Brussel, Centre for Reproductive Medicine, Brussel, Belgium
²EggCentris, ARTscreening - Quality Control, Anderlecht, Belgium

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room B2 (Hall B0)

Session 19: New evidence in early pregnancy outcome

Chairman: M. Goddijn (The Netherlands)

Chairman: C. Thaler (Germany)

15:15 O-073 A randomised double-blind placebo-controlled trial of intravenous immunoglobulin in the treatment of secondary recurrent miscarriage

O.B. Christiansen¹, H.S. Nielsen¹, L. Lunoe¹, L. Egestad¹, E.C. Larsen¹

¹Copenhagen University Hospital Rigshospitalet, Fertility Clinic 4071, Copenhagen, Denmark

15:30 O-074 Radiotherapy and its impact on pregnancy outcomes: results from a nationwide study among female childhood cancer survivors (the DCOG LATER-VEVO study)

L. Damen¹, M.H. Van den Berg², A. Overbeek³, G.J.L. Kaspers², F.E. Van Leeuwen⁴, L.C.M. Kremer⁵, M.M. Van den Heuvel-Eibrink⁶, W.J.E. Tissing⁷, J.J. Loonen⁸, A.B. Versluys⁹, D. Bresters¹⁰, C.B. Lambalk³, E. Van Dulmen-den Broeder¹

¹VU University Medical Center, Pediatrics, Amsterdam, The Netherlands

²VU University Medical Center, Paediatrics, Amsterdam, The Netherlands

³VU University Medical Center, Obstetrics and Gynaecology, Amsterdam, The Netherlands

⁴Netherlands Cancer Institute, Epidemiology, Amsterdam, The Netherlands

⁵Emma Childrens' Hospital/Amsterdam Medical Center, Paediatric Oncology, Amsterdam, The Netherlands

⁶Sophia Childrens' Hospital/Erasmus MC University Medical Center, Paediatric Oncology, Rotterdam, The Netherlands

⁷Beatrix Children's Hospital/University Medical Center Groningen, Paediatric Oncology, Groningen, The Netherlands

⁸Radboud University Nijmegen Medical Center, Paediatric Oncology, Nijmegen, The Netherlands

⁹University Medical Center/Wilhelmina Childrens Hospital, Paediatric Oncology, Utrecht, The Netherlands

¹⁰Willem-Alexander Children's Hospital Leiden University Medical Center, Pediatric Stem Cell Transplantation, Leiden, The Netherlands

15:45 O-075 Association between embryonic genotype for a leukemia inhibitory factor (LIF) gene polymorphism and pregnancy outcomes after ART

J.G. Franco Jr.¹, C.G. Petersen¹, L.D. Vagnini², A. Renzi², G.R. Oliveira-Pelegri², A.L. Mauri¹, J. Ricci¹, F.C. Massaro¹, M. Cavagna³, R.L.R. Baruffi¹, J.B.A. Oliveira¹

¹Centre for Human Reproduction Prof. Franco Jr / Paulista Center for Diagnosis Research and Training, Research, Ribeirao Preto, Brazil

²Paulista Center for Diagnosis Research and Training, Research, Ribeirao Preto, Brazil

³Centre for Human Reproduction Prof. Franco Jr / Paulista Center for Diagnosis Research and Training / Women's Health Reference Center Perola Byington Hospital, Research, Ribeirao Preto, Brazil

- 16:00 O-076 **An evaluation of biochemical pregnancy rates (BPR) as a functional of age in women 21 to 42-years old, who underwent single embryo transfer (SET)**
A. Zeadna¹, W.Y. Son¹, M. Hartman¹, H. Holzer¹, S.L. Tan¹, M.H. Dahan¹
¹McGill University Health Centre, Department of Obstetrics and Gynecology Royal Victoria Hospital, Montreal Quebec, Canada
- 16:15 O-077 **Assisted reproduction technology treatment does not increase the total chromosome abnormality rate but increases the incidence of trisomy and decrease the incidence of polyploidy**
C. Dehua¹, D. Yi¹, Y. Di¹, F. Gong², C. Lu², G. Lu², Y. Tan¹
¹Reproductive and Genetic Hospital of Citic-Xiangya Changsha Hunan P.R.China, Genetic Center, Changsha, China
²Reproductive and Genetic Hospital of Citic-Xiangya Changsha Hunan P.R.China, Reproductive Center, Changsha, China

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 5

Session 20: Psychosocial issues and care in infertility

Chairman: U. Van den Broeck (Belgium)

Chairman: C. de Klerk (The Netherlands)

15:15 O-078 ESHRE guideline: Psychosocial care in infertility and medically assisted reproduction

S. Gameiro¹, J. Boivin¹, E. Dancet², C. De Klerk³, M. Emery⁴, C. Lewis-Jones⁵, P. Thorn⁶, U. Van den Broeck⁷, C. Verhaak⁸, C. Venetis⁹, T. Wischmann¹⁰, N. Vermeulen¹¹

¹Cardiff University, School of Psychology, Cardiff Wales, United Kingdom

²U.Z. Leuven, Fertility Centre, Leuven, Belgium

³Erasmus MC, Erasmus MC, Rotterdam, The Netherlands

⁴Centre for Medically Assisted Procreation, Lausanne, Switzerland

⁵Infertility Network UK, London, United Kingdom

⁶Frankfurt, Germany

⁷University Hospital Leuven, Leuven University Fertility Centre, Leuven, Belgium

⁸Department of Medical Psychology, Radboud University Nijmegen, Nijmegen, The Netherlands

⁹Aristotle University of Thessaloniki, Department of Obstetrics and Gynecology I, Thessaloniki, Greece

¹⁰Centre for Psychosocial Medicine, University of Heidelberg, Heidelberg, Germany

¹¹ESHRE, Brussels, Belgium

15:30 O-079 Addressing psychological needs of patients treated for infertility: an international study of practice challenges reported by reproductive physicians

S. Murray¹, K. Awartani², S. Peloquin³

¹AXDEV Group, Performance Improvement and Research Division, Brossard, Canada

²King Faisal Specialist Hospital & Research Center, Obstetrics & Gynecology Section of Reproductive Medicine, Riyadh, Saudi Arabia

³AXDEV Group Inc., Performance Improvement and Research Division, Brossard, Canada

15:45 O-080 Psychological stress and moderate/severe depression are highly prevalent among women with recurrent pregnancy loss

A.M. Kolte¹, E.M. Mikkelsen², L.K. Egestad³, H.S. Nielsen¹, O.B. Christiansen¹

¹Copenhagen University Hospital Rigshospitalet, Fertility Clinic Section 4071, Copenhagen, Denmark

²Aarhus University, Dept. Clinical Epidemiology, Aarhus, Denmark

³Hillerød Hospital, Dept. Oncology, Hillerød, Denmark

- 16:00 O-081 **Increased risk of intimate partner violence associated with infertility or subfertility: a systematic review**
S. Van der Poel¹, C.S. Carmen Stellar¹
¹World Health Organisation, HRP/RHR, Geneva 27, Switzerland
- 16:15 O-082 **Male psychological adaptation to infertility: a systematic review of longitudinal studies**
M.V. Martins¹, M. Pereira¹, J. Pedro¹, L. Schmidt², M.E. Costa¹
¹University of Porto, Faculty of Psychology and Education Sciences, Porto, Portugal
²University of Copenhagen, Department of Social Medicine, Copenhagen, Denmark

MONDAY 30 JUNE 2014

INVITED SESSION

17:00 - 18:00 Room 1

Session 21: The latest findings from the Reprotrain consortia

Chairman: L.R. Fraser (United Kingdom)

Chairman: S.E.M. Lewis (Ireland)

17:00 0-083 From mouse to human via flies; the latest interdisciplinary andrology research

R. Oliva¹

¹University of Barcelona. Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS). Hospital Clínic, Human Genetics Research Group. Genetics Unit. Faculty of Medicine and Biochemistry and Molecular Genetics Service, Barcelona, Spain

17:30 0-084 Is the promise of sperm transcriptomics being kept?

D. Miller¹

¹University of Leeds General Infirmary, Institute of Genetics Health and Therapeutics, Leeds, United Kingdom

MONDAY 30 JUNE 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room 5

Session 22: Reproductive surgery

Chairman: J. Qiao (China)

Chairman: K. Friese (Germany)

- 17:00 O-085 A multicentre randomised study of pre-IVF outpatient hysteroscopy in women with recurrent IVF-et failure - the trophy trial**
T. EL-Toukhy¹, Y. Khalaf¹, A. Coomarasamy², C. Tabanelli³, S.S. Gordts⁴, S. Gordts⁴, G. Mestdagh⁵, T. Mardesic⁶, G.L. Marchino⁷, T. Al-Shawaf⁸, M. Gergolet⁹, R. Campo⁵
¹Guy's Hospital Great Maze Pond, Assisted Conception Unit ¹¹th floor, London, United Kingdom
²Birmingham Women's Hospital, Assisted Conception Unit, Birmingham, United Kingdom
³SISMER, Assisted Conception Unit, Bologna, Italy
⁴LIFE, Assisted Conception Unit, Leuven, Belgium
⁵Ziekenhuis Oost Limburg, Assisted Conception Unit, Genk, Belgium
⁶The Sanatorium Pronatal, Assisted Conception Unit, Prague, Czech Republic
⁷University of Turin, Obstetrics and Gynaecology, Torino, Italy
⁸Barts Health NHS Trust, Centre for Reproductive Medicine, London, United Kingdom
⁹ESHRE, Reproductive Surgery SIG, Brussels, Belgium
- 17:15 O-086 Perfusion of whole ovine ovaries: effect of perfusion speed and time elapsed after extraction**
E. Isachenko¹, G. Rahimi¹, V. Isachenko², B. Morgenstern², B. Hanstein², P. Mallmann³
¹University Maternal Hospital, IVF-Labor, Cologne, Germany
²University Maternal Hospital, Research Group for Reproductive Medicine, Cologne, Germany
³University Maternal Hospital, Department of Oncology, Cologne, Germany
- 17:30 O-087 Feasibility of mrgfus treatment in uterine adenomyosis: clinical results and technical approach**
F. Ferrari¹, F. Arrigoni¹, A. Miccoli¹, S. Mascaretti², G. Mascaretti², E. Fascetti¹, C. Masciocchi¹
¹University Of L'Aquila, Diagnostic Radiology Department, L'Aquila, Italy
²University Of L'Aquila, Discab University Pathophysiology Of Reproduction, L'Aquila, Italy
- 17:45 O-088 The effect of endometrial injury on ongoing pregnancy rate in unselected subfertile women undergoing in-vitro fertilization: A randomized controlled trial**
T.W.Y. Yeung¹, J. Chai¹, R.H.W. Li¹, V.C.Y. Lee¹, P.C. Ho¹, E.H.Y. Ng¹
¹University of Hong Kong, Obstetrics and Gynaecology, Hong Kong, Hong Kong

OVERVIEW TUESDAY, 1 JULY 2014

08:30 - 09:30	SESSION 23: PROGRESS IN OVARIAN STIMULATION FOR IVF <ul style="list-style-type: none"> The genetics of ovarian capacity Diagnosis, treatment and significance of poor ovarian response 	Room 14
08:30 - 09:30	SESSION 24: OOCYTE ACTIVATION <ul style="list-style-type: none"> Mechanisms of oocyte activation Induced oocyte activation in the lab – principles and practice 	Room 1
08:30 - 09:30	SESSION 25: ASRM EXCHANGE SESSION - "OMICS OF INFERTILITY" <ul style="list-style-type: none"> Environment, epigenetics and reproduction Omics of male infertility 	Room 13
08:30 - 09:30	SESSION 26: PARAMEDICAL INVITED SESSION <ul style="list-style-type: none"> Qualitative nursing research in fertility and reproduction: Methods and findings The young ones - Extending endometrioses care to teenage girls 	Room 5
10:00 - 13:00	SESSION 27: EMBRYONIC BIOMARKERS - ARE WE GETTING NEARER?	Room 14
10:00 - 11:30	SESSION 28: LIVE SURGERY TUTORIAL: UTERINE PATHOLOGY	Room 1
10:00 - 11:30	SESSION 29: NOVEL TECHNIQUES IN ANDROLOGY SESSION 30: BASIC SCIENCE ENDOMETRIOSIS SESSION 31: CLINICAL TRIALS IN OVARIAN STIMULATION SESSION 32: PATIENTS' NEEDS AND WISHES: WHERE TO DRAW THE LINE?	Room 13 Room B1 (Hall B0) Room B2 (Hall B0) Room 5
11:45 - 13:00	INDUSTRY-SPONSORED SYMPOSIUM	Room 14
11:45 - 12:45	SESSION 33: EUROPEAN AND GLOBAL ART MONITORING <ul style="list-style-type: none"> Assisted reproductive technology in Europe, 2011: results generated from European registers by ESHRE. Preliminary results 	Room 13
11:45 - 12:45	SESSION 34: LONG-TERM HEALTH IN TURNER SYNDROME WOMEN <ul style="list-style-type: none"> Pregnancy outcome after oocyte donation in women with Turner syndrome – what are the risks? 	Room B1 (Hall B0)
12:15 - 12:45	Optimizing health care for adult women with Turner syndrome	
11:45 - 12:45	SESSION 35: THE VOICE OF DONOR SPERM RECIPIENTS	Room 5
13:00 - 14:00	POSTER DISCUSSIONS	Poster area Foyer level 1
14:00 - 15:15	INDUSTRY-SPONSORED SYMPOSIUM	Room 14

14:00 - 15:00	SESSION 36: ADVANCES IN GENETIC TESTING <ul style="list-style-type: none"> • Non invasive prenatal diagnosis by genome sequencing • Direct to consumer genetic testing 	Room 1
14:00 - 15:00	SESSION 37: ASSISTED REPRODUCTION AND HUMAN RIGHTS (JOINT SESSION ESHRE SIG ETHICS AND LAW AND FIGO'S ETHICS COMMITTEE) <ul style="list-style-type: none"> • Access to assisted reproduction as a human right • Cross-border reproductive care and global justice • Reproductive ethics: human rights or religious authority • Limits of reproductive autonomy 	Room 13
14:00 - 15:00	SESSION 38: INVITED PATIENT SESSION - SOCIAL INFERTILITY (E.G. GAMETE FREEZING FOR SOCIAL REASONS; DELAYED PREGNANCY; AGE FACTOR) <ul style="list-style-type: none"> • Social egg freezing- the clinician point of view: information, indications and expectations • The conflict between psychology and medicine - Social freezing motivation and consequences • Social freezing, unlimited access and open identity - A rainmaker? • Medicalizing and socializing infertility in the 21st century 	Room B1 (Hall B0)
14:00 - 15:00	SESSION 39: PARAMEDICAL INVITED SESSION <ul style="list-style-type: none"> • "The de jure stateless children": The dilemma of cross-border surrogacy • The pivotal role of the nurse in a fertility clinic 	Room 5
15:15 - 16:30	SESSION 40: TIME-LAPSE IMAGING - WHICH EMBRYO GETS THE OSCAR? SESSION 41: IMPROVING ART OUTCOME SESSION 42: SPERM DNA INTEGRITY SESSION 43: SAFETY ISSUES FOR MOTHER AND CHILD SESSION 44: UNDERLYING MECHANISMS OF EARLY PREGNANCY PATHOLOGY SESSION 45: EPIGENETICS IN GAMETE COMPETENCE AND IMPLANTATION	Room 14 Room 1 Room 13 Room B1 (Hall B0) Room B2 (Hall B0) Room 5
17:00 - 18:15	INDUSTRY-SPONSORED SYMPOSIUM	Room 14
17:00 - 18:00	SESSION 46: CLINICAL ENDOCRINOLOGY (1) SESSION 47: BASIC PHYSIOLOGY IN EMBRYOLOGY SESSION 48: IMPLANTATION FAILURE AND THE ENDOMETRIUM SESSION 49: NURSES' PERSPECTIVE IN PATIENT CARE AND QUALITY OF LIFE SESSION 50: THE PSYCHOLOGY OF FERTILITY PRESERVATION AND GAMETE DONATION	Room 1 Room 13 Room B1 (Hall B0) Room B2 (Hall B0) Room 5
18:00 - 19:00	ANNUAL GENERAL ASSEMBLY OF MEMBERS	Room 5

TUESDAY 1 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 14

Session 23: Progress in ovarian stimulation for IVF

Chairman: P. Devroey (Belgium)

Chairman: P. Barri (Spain)

08:30 O-089 The genetics of ovarian capacity

F. Vialard¹, R. Boudjenah¹, F. Boitrelle¹, A. Torre¹, D. Molina Gomes¹, J. Selva¹

¹Centre Hospitalier Poissy - St. Germain, Laboratoire Biologie de la Reproduction, Poissy, France

09:00 O-090 Diagnosis, treatment and significance of poor ovarian response

S.K. Sunkara¹

¹King's Healthcare Partners Guy's and St Thomas' NHS Trust, Royal Marsden Hospital, London, United Kingdom

TUESDAY 1 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 1

Session 24: Oocyte activation

Chairman: A. Sunde (Norway)

Chairman: C. Plancha (Portugal)

08:30 O-091 Mechanisms of oocyte activation

J. Parrington¹

¹University of Oxford, Department of Pharmacology, Oxford, United Kingdom

09:00 O-092 Induced oocyte activation in the lab - principles and practice

T. Ebner¹, O. Shebl¹, P. Oppelt¹, R.B. Mayer¹

¹Landes- Frauen- und Kinderklinik, Dept. of Endocrinological Gynecology and Kinderwunsch Zentrum, Linz, Austria

TUESDAY 1 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 13

Session 25: ASRM exchange session - "Omics of infertility"

Chairman: R.Z. Sokol (U.S.A.)

Chairman: B.C. Tarlatzis (Greece)

08:30 0-093 Environment, epigenetics and reproduction

L. Giudice¹

¹University of California San Francisco, Obstetrics Gynecology & Repr. Sciences, San Francisco CA, U.S.A.

09:00 0-094 Omics of male infertility

D.J. Lamb¹, A. Pastuszak², J. Kovac²

¹Baylor College of Medicine, Center for Reproductive Medicine Scott Department of Urology Department of Molecular and Cellular Biology, Houston TX, U.S.A.

²Baylor College of Medicine, Center for Reproductive Medicine Scott Department of Urology, Houston TX, U.S.A.

TUESDAY 1 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 5

Session 26: Paramedical invited session

Chairman: Chairman to be announced

Chairman: A. Geril (Belgium)

08:30 0-095 Qualitative nursing research in fertility and reproduction: Methods and findings

V.L. Peddie¹

¹University of Aberdeen, Aberdeen Fertility Centre, Aberdeen, United Kingdom

09:00 0-096 The young ones - Extending endometrioses care to teenage girls

T. D'Hooghe¹

¹Leuven University Hospitals, Reproductive Medicine and Leuven University Fertility Center Dept OB GYN, Leuven, Belgium

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 14

Session 27: Embryonic biomarkers - Are we getting nearer?

Chairman: M.J. De Los Santos (Spain)

Chairman: S. Ziebe (Denmark)

- 10:00 O-097 Cell-free DNA levels in human follicular fluid as a non-invasive biomarker of in vitro fertilization outcomes**
E. Scalici¹, S. Traver¹, S. Assou¹, A. Ferrière², M. Monforte³, H. Déchaud³, S. Hamamah²
¹Institute of Research in Biotherapy, INSERM U1040, Montpellier, France
²CHU Montpellier Arnaud de Villeneuve Hospital, ART-PGD Department, Montpellier, France
³CHU Montpellier Arnaud de Villeneuve Hospital, Gynecology Department, Montpellier, France
- 10:15 O-098 The metabolic profile of the human embryo as revealed by screening for >100 metabolites by HILIC-MS/MS and its association with development and chromosomal abnormalities**
K. Chatzimeletiou¹, E. Kolibianakis¹, C. Virgiliou², I. Sampsonidis², G. Theodoridis², N. Raikos³, H. Gika², A. Sioga⁴, L. Oikonomou⁴, I. Georgiou⁵, K.H. Nicolaidis⁶, B.C. Tarlatzis¹
¹Aristotle University Medical School, IVF Unit 1st Department of Obstetrics and Gynaecology Papageorgiou Hospital, Thessaloniki, Greece
²Aristotle University, Chemistry, Thessaloniki, Greece
³Aristotle University, Toxicology, Thessaloniki, Greece
⁴Aristotle University Medical School, Histology/Embryology, Thessaloniki, Greece
⁵University of Ioannina, Genetics and IVF Unit Department of Obstetrics and Gynaecology, Ioannina, Greece
⁶King's College Hospital University of London, Harris Birthright Centre for Foetal Medicine, London, United Kingdom
- 10:30 O-099 Secreted miRNAs can be profiled with high accuracy and reproducibility from blastocyst spent culture media: a new potential biomarker for non-invasive embryo selection**
A. Capalbo¹, L. Noli², D. Ilic², D. Cimadomo¹, Y. Khalaf², F.M. Ubaldi¹, L. Rienzi¹
¹Genera c/o Clinica Valle Giulia, Reproductive Medicine, Rome, Italy
²King's College London School of Medicine, Assisted Conception Unit, London, United Kingdom
- 10:45 O-100 Cell-free nucleic acids and IVF outcome: comparison between embryo on day 3 and blastocyst stage**
S. Hamamah¹, S. Assou², S. Traver², E. Scalici², A. Ferrière¹, A. Gala¹, A. Thierry R³
¹Université Montpellier1 Institute For Research In Biotherapy Inserm U1040, Art-Pgd Department Chu Montpellier, Montpellier, France
²Institute For Research In Biotherapy Chu Montpellier, Université Montpellier1 Inserm U1040, Montpellier, France
³Institut De Recherche En Cancérologie De Montpellier, Inserm U896, Montpellier, France

- 11:00 O-101 **Prokineticin 1 (PROK1) is a new non-invasive biomarker of embryo implantation in in vitro fertilization (IVF)**
S. Brouillet¹, C. Thomas-Cadi¹, U. Bergues¹, J.J. Feige², N. Alfaidy², P. Hoffmann¹, S. Hennebicq¹
¹Centre Hospitalier Universitaire, Reproductive Medicine department Grenoble University, Grenoble Cedex 09, France
²CEA/INSERM/iRTSV, Laboratoire BCI, Grenoble Cedex 09, France
- 11:15 O-102 **Altered levels of mitochondrial DNA are associated with female age, aneuploidy, and reveal the implantation potential of chromosomally normal embryos**
E. Fragouli¹, S. Alfarawati², K. Spath¹, P. Colls³, J. Cohen³, S. Munne³, D. Wells¹
¹University of Oxford/ Reprogenetics UK, Nuffield Department of Obstetrics and Gynaecology, Oxford, United Kingdom
²Reprogenetics UK, Institute of Reproductive Sciences, Oxford, United Kingdom
³Reprogenetics LLC, N/A, Livingston, U.S.A.

TUESDAY 1 JULY 2014

INVITED SESSION

10:00 - 13:00 Room 1

Session 28: Live surgical tutorial: Uterine pathology

Chairman: S. Gordts (Belgium)

Chairman: T. Li (United Kingdom)

Chairman: A. Watrelot (France)

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 13

Session 29: Novel techniques in andrology

Chairman: L. Björndahl (Sweden)

Chairman: A. Mayerhofer (Germany)

- 10:00 O-103 Can a patch fix it - electrophysiological studies of sperm and potential impact on clinical practice**
S.J. Martins da Silva¹, S.A. Mansell¹, H.L. Williams¹, S.G. Brown², S.J. Publicover³, S. Wilson⁴, C. Barrett¹
¹University of Dundee, Medical Research Institute Ninewells Hospital and Medical School, Dundee, United Kingdom
²Abertay University, School of Life Sciences, Dundee, United Kingdom
³University of Birmingham, School of Biosciences, Birmingham, United Kingdom
⁴University of Durham, Wolfson Research Institute, Stockton-on-Tees, United Kingdom
- 10:15 O-104 A modified protocol of sperm vitrification shows less cryodamage and enhanced sperm viability than classical slow freezing techniques**
L. Medrano¹, M.J. Gomez-Torres², M. Guijarro¹, M. Fernandez¹, S. Rogel³, J. Aizpurua³
¹IVFSpain, Laboratory, Alicante, Spain
²University of Alicante, Biotechnology, Alicante, Spain
³IVFSpain, Gynecology, Alicante, Spain
- 10:30 O-105 Sperm selection using MACS technology does not improve live-birth delivery rates when ICSI was performed in ovum donation. Prospective and randomized trial in unselected males.**
L. Romany¹, N. Garrido², Y. Motato³, B. Aparicio³, A. Pellicer⁴, M. Meseguer³
¹Institut Unversitari- IVI Valencia, IVF Lab, Valencia, Spain
²Institut Unversitari- IVI Valencia, Andrology Lab, Valencia, Spain
³Institut Unversitari- IVI Valencia, IVF Lab, Valencia, Spain
⁴Institut Unversitari- IVI Valencia, Reproductive Gynecology Department, Valencia, Spain
- 10:45 O-106 FertilixTM, a novel antioxidant formulation designed to treat male infertility emanating from sperm oxidative DNA damage: promising preclinical evidence from mouse models**
Abstract withdrawn by the author
- 11:00 O-107 In vitro fertilization versus in vitro fertilization-intracytoplasmic sperm injection in patients who previously failed intrauterine insemination**
M. Hartman¹, I. Roux², B. Herrero¹, S. Saliem¹, P. Monnier¹
¹McGill University, Department of Obstetrics and Gynecology, Montreal, Canada
²Centre Hospitalier Universitaire du Bocage, Department of Obstetrics and Gynecology, Dijon, France
- 11:15 O-108 A novel stepwise micro-TESE approach in non-obstructive azoospermia**
G. Franco¹, F. Scarselli², D. Dente¹, V. Casciani², F. De Luca¹, M. Terribile², M.G. Minasi², E. Greco²
¹La Sapienza University, Urology, Rome, Italy
²European Hospital, Medicina della Riproduzione, Rome, Italy

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room B1 (Hall B0)

Session 30: Basic science endometriosis

Chairman: A. Horne (United Kingdom)

Chairman: L. Mettler (Germany)

- 10:00 O-109 microRNA miR-142-3p regulates endometriotic cell invasiveness by targeting integrin-related molecular pathways**
M. Götte¹, D. Ludwig¹, C.M. Stock²
¹Universitätsklinik Münster, Gynecology and Obstetrics, Münster/Westf., Germany
²Universitätsklinik Münster, Physiology II, Münster/Westf., Germany
- 10:15 O-110 Aberrant activation of the Akt-S6K1 signal pathway in a fibrotic microenvironment in deep endometriosis**
S. Matsuzaki¹, C. Darcha², R. Botchorishvili¹, J.L. Pouly¹, M. Canis¹
¹CHU Clermont-Ferrand, Department of Gynecology, Clermont-Ferrand, France
²CHU Clermont-Ferrand, Department of Pathology, Clermont-Ferrand, France
- 10:30 O-111 Endometrial telomerase activity is limited to human epithelial cells, plays a fundamental role in glandular formation and might have therapeutic implications in endometrial proliferative diseases**
N. Tempest¹, A.J. Valentijn¹, C. Martin-Ruiz², T. Von Zglinicki², J.A. Drury¹, D. Jurk¹, C.E. Gargett³, G. Saretzki², R. Campbell¹, D.K. Hapangama¹
¹Liverpool Women's Hospital, University Department of OB/GYN, Liverpool, United Kingdom
²Institute of Ageing and Health, Newcastle University, Newcastle, United Kingdom
³The Ritchie Centre Monash Institute of Medical Research, Department of Obstetrics and Gynaecology Monash University, Melbourne, Australia
- 10:45 O-112 PEDF based therapy for angiogenesis-related reproductive disorders**
D. Chuderland¹, I. Ben-Ami², H. Grossman³, H. Bar-Joseph³, R. Shalgi³
¹Tel-Aviv University, Cell and Developmental Biology, Tel Aviv, Israel
²Assaf Harofeh Medical Center, Obstetrics and Gynecology, Zerifin, Israel
³Tel-Aviv university, cell and Developmental Biology, Tel-Aviv, Israel
- 11:00 O-113 Comparison of the anti-inflammatory effect of resveratrol and leuprolide acetate in an experimental endometriosis model**
Y. Bayoglu Tekin¹, S. Guven², A. Kirbas³, Y. Kalkan⁴, L. Tümkaya⁴, E.S. Guvendag Guven⁴
¹Recep Tayyip Erdogan University, Gynecology and Obstetrics, Rize, Turkey
²Black Sea Technical University, Gynecology and Obstetrics, Trabzon, Turkey
³Recep Tayyip Erdogan University, Biochemistry, Rize, Turkey
⁴Recep Tayyip Erdogan University, Histology, Rize, Turkey

11:15 O-114 **Influence of different oocyte maturation triggering and luteal phase support protocols on dendritic cell and metalloproteinase endometrial protein expression**

I. Van Vaerenbergh¹, S. Mackens¹, P. In't Veld², H. Van De Velde¹, H.M. Fatemi³, P. Humaidan⁴, C. Bourgain¹

¹Vrije Universiteit Brussel, Reproductive Immunology and Implantation (REIM), Jette Brussels, Belgium

²Vrije Universiteit Brussel, Experimental Pathology (EXPA), Jette Brussels, Belgium

³UZ Brussel, Center for Reproductive Medicine, Jette Brussels, Belgium

⁴Faculty of Health Aarhus University, The Fertility Clinic Skive Regional Hospital, Denmark

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room B2 (Hall B0)

Session 31: Clinical trials in ovarian stimulation

Chairman: N. Macklon (United Kingdom)

Chairman: G. Griesinger (Germany)

- 10:00 O-115 Does extending the time interval between human chorionic gonadotrophin administration and oocyte pick-up by two hours affect oocyte retrieval rate - a randomized clinical trial**
J.K. Bosdou¹, E.M. Kolibianakis¹, C.A. Venetis¹, A. Makedos¹, T.B. Tarlatzi¹, K. Chatzimeletiou¹, L. Zepiridis¹, A. Mitsoli¹, B.C. Tarlatzis¹
¹Aristotle University of Thessaloniki, Unit for Human Reproduction - 1st Dept of Obstetrics and Gynecology, Thessaloniki, Greece
- 10:15 O-116 Endocrine effects of rhCG or rLH supplementation to rFSH stimulation in a GnRHa long down-regulation protocol - a randomized controlled study**
B. Alsbjerg¹, B.B. Povlsen¹, R.J. Laursen¹, H.O. Elbeak¹, C.Y. Andersen², P. Humaidan¹
¹Viborg Regional Hospital, The Fertility Clinic Skive Regional Hospital, Skive, Denmark
²University Hospital of Copenhagen University of Copenhagen, Laboratory of Reproductive Biology The Juliane Marie Centre for Women Children and Reproduction, Copenhagen, Denmark
- 10:30 O-117 Kisspeptin - a novel physiological trigger for oocyte maturation in IVF treatment**
A. Abbara¹, C.N. Jayasena¹, A.N. Comninou¹, G.M.K. Nijher¹, G. Christopoulos², S. Narayanaswamy¹, C. Izzi-Engbeaya¹, A. Mason³, J. Warwick³, D. Ashby³, M.A. Ghatei¹, S.R. Bloom¹, A. Carby², G. Trew², W.S. Dhillon²
¹Imperial College London, Section Of Investigative Medicine, London, United Kingdom
²Imperial College NHS Trust, Hammersmith IVF Unit, London, United Kingdom
³Imperial College London, Clinical Trials Unit, London, United Kingdom
- 10:45 O-118 Mild versus standard ovarian stimulation in poor responder women undergoing ivf and icsi (prima) - multicenter randomised controlled study**
M. Youssef¹, M. Van Wely², H. Al-inany¹, T. Madani³, N. Jahangiri³, S. Khodabakhshi³, A.Y. Rizk⁴, M. Alhalabi⁵, M. Almohamady¹, E. Shaer¹, I. Aboulfoutouh⁶, S. Khattab⁶, M.H. Mochtar², F. Van der Veen²
¹Cairo University, Obstetrics and Gynecology, Cairo, Egypt
²University of Amsterdam (UVA), Center for Reproductive Medicine (CVW), Amsterdam, Neth. Antilles
³Royan Institute for Reproductive Biomedicine, Department of Endocrinology and female infertility, Tehran, Iran
⁴Banha University, Obstetrics and Gynecology, Banha, Egypt
⁵Damascus University, Obstetrics and Gynecology, Damascus, Syria
⁶Egyptian International Fertility IVF-ET center, Center for Reproductive Medicine, Cairo, Egypt

- 11:00 O-119 **Corifollitropin-alfa compared to daily rFSH in poor responders undergoing ICSI: a randomized clinical trial**
 E.M. Kolibianakis¹, J.K. Bosdou¹, C.A. Venetis¹, A. Makedos¹, T.B. Tarlatzi¹, L. Zepiridis¹, K. Chatzimeletiou¹, A. Mitsoli¹, B.C. Tarlatzis¹
¹Aristotle University of Thessaloniki, 1st Dept of Obstetrics and Gynaecology, Thessaloniki, Greece
- 11:15 O-120 **Fully human glycooptimized recombinant FSH: a randomized, assessor-blind, multi-center, multi-national phase II trial to investigate the efficacy and safety of FSH-GEX in women undergoing ART**
 A. Tandler-Schneider¹, G. Griesinger², A. Török³, P. Kovacs⁴, P. Sydow⁵, P. Ebert⁶, M. Depenbusch⁷, S. Kissler⁸, B. Toth⁹, B. Dietrich¹⁰, K. Eckert¹⁰, L. Stöckl¹¹, S. Goletz¹⁰
¹Fertility Center Berlin, Reproductive Care, Berlin, Germany
²University of Lübeck, Gynaecologic Endocrinology and Reproductive Medicine, Lübeck, Germany
³PANNON, Reproduction Institute, Tapolca, Hungary
⁴Kaali Institute, Reproduction Institute, Budapest, Hungary
⁵Praxisklinik, Reproduction Institute, Berlin, Germany
⁶Bielefeld Fertility Center, Private Reproduction Institute, Bielefeld, Germany
⁷University of Lübeck, Reproductive Care Unit, Lübeck, Germany
⁸Interdisziplinäres Kinderwunschzentrum, Private Reproductive Care Unit, Düsseldorf, Germany
⁹University Hospital Heidelberg, Gynaecologic Endocrinology and Fertility Disorders, Heidelberg, Germany
¹⁰Glycotope GmbH, Clinical Development, Berlin, Germany
¹¹Glycotope GmbH, Preclinical Development, Berlin, Germany

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:30 Room 5

Session 32: Patients' needs and wishes: Where to draw the line?

Chairman: W. Ombelet (Belgium)

Chairman: R. Felberbaum (Germany)

- 10:00 O-121 In vitro screening and selection of embryos by whole-genome sequencing and analysis - assessment of its usefulness and ethical implications**
K. Hens¹, R. Winand², W. Dondorp¹, G. De Wert¹, Y. Moreau², J.R. Vermeesch³, I. Liebaers⁴, J. Aerts⁵
¹University of Maastricht, Health Ethics & Society, Maastricht, The Netherlands
²Katholieke Universiteit Leuven, Department of Electrical Engineering, Leuven, Belgium
³Katholieke Universiteit Leuven, Laboratory of Cytogenetics and Genome Research, Leuven, Belgium
⁴Vrije Universiteit Brussel, University Hospital Brussels, Brussel, Belgium
⁵Katholieke Universiteit Leuven, Department of Electrical Engineering, Brussel, Belgium
- 10:15 O-122 Maybe we shouldn't give infertile patients what they want, but what they need**
H. Mertes¹, G. Pennings¹
¹Bioethics Institute Ghent (BIG), Department of Philosophy and Moral Sciences, Ghent, Belgium
- 10:30 O-123 Donor conception disclosure: directive or non-directive counselling**
I. Raes¹, A. Ravelingien¹, G. Pennings¹
¹Universiteit Gent, Department of Philosophy and Moral Sciences, Ghent, Belgium
- 10:45 O-124 Low ovarian stimulation using tamoxifen/fsh compared to conventional IVF: a cohort comparative study from Kazakhstan**
M. Nitzschke¹, S. Baikoshkarova², A. Ibragimov², B. Abdilmanova², G. Murzagaliyeva³
¹Instituto Canario de Infertilidad, Private IVF Clinic, Las Palmas de Gran Canaria, Spain
²Ecomed, Private IVF Clinic, Astana, Kazakhstan
³Ecomed, Private IVF Clinic, Almaty, Kazakhstan
- 11:00 O-125 Amazing low cost IVF/ICSI induction protocol in developing countries**
S. Shah Nawaz¹, A. Azhar²
¹Sakina Memorial Hospital, Ob/Gyn, Sargodha Punjab, Pakistan
²Pakistan Institute of Andrology & Genetics, Embryology, Sargodha Punjab, Pakistan
- 11:15 O-126 A prospective randomized controlled study (RCT) depicting favourable IVF-ICSI outcomes following anti-tubercular treatment in cases with positive PCR test for endometrial non tuberculous mycobacteria**
M. Singh¹, R. Singh²
¹Bhopal Test Tube Baby Centre, Gynaecology and Obstetrics, Bhopal, India
²Bhopal Test Tube Baby Centre, Infertility, Bhopal, India

TUESDAY 1 JULY 2014

INVITED SESSION

11:45 - 12:45 Room 13

Session 33: European and Global ART Monitoring

Chairman: J. De Mouzon (France)

Chairman: S.J. Dyer (South Africa)

11:45 0-127 Assisted reproductive technology in Europe, 2011: results generated from European registers by ESHRE. Preliminary results

M. Kupka¹, C. Calhaz-Jorge², J.A. Castilla Alcala³, C. De Geyter⁴, J. De Mouzon⁵, T. D'Hooghe⁶, K. Erb⁷, A.P. Ferraretti⁸, V. Goossens⁹

¹Kinderwunschzentrum Altonaer Strasse, Gynaecology and Obstetrics, Hamburg, Germany

²CNPMA, Lisboa, Portugal

³University Hospital Virgen de las Nieves Granada, MasVida Reproducción, Granada, Spain

⁴University Women's Hospital of Basel, Basel, Switzerland

⁵CHU Cochin-Saint-Vincent De Paul and Université Paris Descartes Faculté de Médecine, Service de Gynécologie Obstétrique II et de Médecine de la reproduction, Paris, France

⁶Leuven University Fertility Center, Leuven, Belgium

⁷Odense University Hospital, Fertility Clinic, Odense, Denmark

⁸SISMER, Bologna, Italy

⁹ESHRE, Central Office, Grimbergen, Belgium

12:15 ICMART World Report 2010

D. Adamson¹

¹Fertility Physicians of Northern California, Saratoga, U.S.A.

12:30 How the Latin American ART Registry transitioned from summary to individualized data

F. Zegers¹

¹Clinica Las Condes, Unit of Reproductive Medicine, Santiago, Chile

TUESDAY 1 JULY 2014

INVITED SESSION

11:45 - 12:45 Room B1 (Hall B0)

Session 34: Long-term health in Turner syndrome women

Chairman: A. Van Steirteghem (Belgium)

Chairman: Chairman to be announced

11:45 0-128 **Pregnancy outcome after oocyte donation in women with Turner syndrome - what are the risks?**

V. Söderström-Anttila¹

¹*Family Federation of Finland, Infertility Clinic, Helsinki, Finland*

12:15 0-129 **Optimizing health care for adult women with Turner syndrome**

C.H. Gravholt¹

¹*Aarhus University Hospital, Department of Endocrinology and Internal Medicine MEA and Department of Molecular Medicine (MOMA), Aarhus N, Denmark*

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

11:45 - 12:45 Room 5

Session 35: The voice of donor sperm recipients

Chairman: J. Schoonenberg-Pomper (The Netherlands)

Chairman: H. Kantenich (Germany)

- 11:45 O-130 Solo mothers and women with a partner seeking donor insemination - attitudes towards motherhood and socio-demographic characteristics - a national study from public Danish fertility clinics**
M. Salomon¹, R. Sylvest², E. Carlsen³, A. Nyboe Andersen³, H. Hansson⁴, L. Schmidt²
¹Copenhagen University Hospital, Fertility Clinic, Copenhagen, Denmark
²Copenhagen University, Department of Public Health, Copenhagen, Denmark
³Copenhagen University Hospital, Fertility Clinic Rigshospitalet, Copenhagen, Denmark
⁴Copenhagen University Hospital, Department of Research Juliane Marie Center, Copenhagen, Denmark
- 12:00 O-131 Family decision making: a qualitative study in lesbian couples after donor conception**
S. Somers¹, H. Van Parys², V. Provoost³, A. Ravelingien³, E. Wyverkens², I. Raes³, I. Stuyver⁴,
A. Buysse², G. Pennings³, P. De Sutter⁴
¹Ghent University Hospital, Ghent University, Department of Reproductive Medicine
²Ghent University, Department of Experimental-Clinical and Health Psychology, Ghent, Belgium
³Ghent University, Bioethics Institute Ghent (BIG) Department of Philosophy and Moral Sciences, Ghent, Belgium
⁴Ghent University Hospital, Department of Reproductive Medicine, Ghent, Belgium
- 12:15 O-132 How do lesbian parents and their children experience family communication about the donor conception - a multi-perspective qualitative study**
H. Van Parys¹, E. Wyverkens¹, V. Provoost², S. Somers³, A. Ravelingien², I. Raes², I. Stuyver³,
P. De Sutter³, G. Pennings², A. Buysse¹
¹Ghent University, Psychology and Educational Sciences, Ghent, Belgium
²Ghent University, Philosophy and Moral Sciences, Ghent, Belgium
³Ghent University, Reproductive Medicine, Ghent, Belgium
- 12:30 O-133 Handing over control: lesbian couples' views on and experiences with limited input in sperm donor selection**
A. Ravelingien¹, V. Provoost¹, E. Wyverkens², H. Van Parys², S. Somers³, I. Raes¹, I. Stuyver³,
A. Buysse², P. De Sutter³, G. Pennings¹
¹Ghent University, Bioethics Institute Ghent (BIG) Department of Philosophy and Moral Sciences, Ghent, Belgium
²Ghent University, Department of Experimental-Clinical and Health Psychology, Ghent, Belgium
³Ghent University Hospital, Department of Reproductive Medicine, Ghent, Belgium

TUESDAY 1 JULY 2014

INVITED SESSION

14:00 - 15:00 Room 1

Session 36: Advances in genetic testing

Chairman: P. De Sutter (Belgium)

Chairman: A. Salumets (Estonia)

14:00 O-134 Non invasive prenatal diagnosis by genome sequencing

R. Chiu¹

¹The Chinese University of Hong Kong, Department of Chemical Pathology, Hong Kong, China

14:30 O-135 Direct to consumer genetic testing

P. Borry¹

¹KU Leuven, Department of Public Health & Primary Care, Leuven, Belgium

TUESDAY 1 JULY 2014

INVITED SESSION

14:00 - 15:00 Room 13

Session 37: Assisted reproduction and human rights (Joint session ESHRE SIG Ethics and Law and FIGO's Ethics Committee)

Chairman: F. Shenfield (United Kingdom)

Chairman: T. Motrenko Simic (Montenegro)

- 14:00 0-136 **Access to assisted reproduction as a human right**
B. Dickens¹
¹University of Toronto, Faculty of Law, Toronto, Canada
- 14:15 0-137 **Cross-border reproductive care and global justice**
G. Pennings¹
¹Ghent University, Bioethics Institute Ghent, Korbeek-Lo, Belgium
- 14:30 0-138 **Reproductive ethics: human rights or religious authority**
G. Serour¹
¹The Egyptian IVF - ET Center, OB/GYN, Cairo, Egypt
- 14:45 0-139 **Limits of reproductive autonomy**
G. De Wert¹
¹University of Maastricht, Faculty of Health Medicine & Life Sciences, Maastricht, The Netherlands

TUESDAY 1 JULY 2014

INVITED SESSION

14:00 - 15:00 Room B1 (Hall B0)

Session 38: Invited patient session - Social infertility (e.g. gamete freezing for social reasons; delayed pregnancy; age factor)

Chairman: C. Lewis-Jones (United Kingdom)

Chairman: A. David (Romania)

Chairman: D. Priadkova (Slovakia)

- 14:00 0-140 Social egg freezing- the clinician point of view: information, indications and expectations**
R. Vassena¹
¹Clinica Eugin, Barcelona, Spain
- 14:15 0-141 The conflict between psychology and medicine - Social freezing motivation and consequences**
V. Savova¹
¹Medical Center Nadejda Reproductive Sofia, IVF, Sofia, Bulgaria
- 14:30 0-142 Social freezing, unlimited access and open identity - A rainmaker?**
H. Konecna¹, C. Menzies², M. Zeman¹
¹University of South Bohemia, Faculty of Health and Social Studies, Ceske Budejovice, Czech Republic
²Adam Czech Republic, patient organization, Ceske Budejovice, Czech Republic
- 14:45 0-143 Medicalizing and socializing infertility in the 21st century**
F. Oliveira¹

TUESDAY 1 JULY 2014

INVITED SESSION

14:00 - 15:00 Room 5

Session 39: Paramedical invited session

Chairman: I.R. Joergensen (Denmark)

Chairman: P.G. Crosignani (Italy)

14:00 0-144 "The de jure stateless children": The dilemma of cross-border surrogacy

H. Sol Olafsdottir¹

¹*Landspítali University Hospital Women's Clinic, Dept. of Obstetrics and Gynecology, Reykjavik, Iceland*

14:30 0-145 The pivotal role of the nurse in a fertility clinic

H. Kendrew¹

¹*Bath Fertility Centre, Nursing, Bath, United Kingdom*

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 14

Session 40: Time-lapse imaging - Which embryo gets the Oscar?

Chairman: S.J. Apter (Sweden)

Chairman: V. von Schönfeldt (Germany)

- 15:15 O-146 External validation of meseguer's prediction model according to embryo transfer policy (cleavage stage or blastocyst)**
N. Le Fleuter¹, T. Freour¹, J. Lammers¹, C. Splingart¹, P. Barriere¹
¹Chu Nantes, Service De Médecine Et Biologie De La Reproduction, Nantes, France
- 15:30 O-147 A prospective randomised controlled trial of the efficacy of using a closed time-lapse system for embryo culture**
U. Selleskog¹, H. Park¹, C. Bergh¹, K. Lundin¹
¹Sahlgrenska University Hospital, Reproductive Medicine, Göteborg, Sweden
- 15:45 O-148 An examination of the ability of six published, time-lapse imaging embryo selection algorithms to predict implantation when applied to the same cohort of implanted embryos**
A. Barrie¹, K. Schnauffer¹, C. Kingsland¹, S. Troup¹
¹Liverpool Women's NHS Foundation Trust, The Hewitt Fertility Centre, Liverpool, United Kingdom
- 16:00 O-149 Computer-automated time-lapse analysis test results correlate to clinical pregnancy and embryo implantation: a prospective, blinded, multi-center study**
M.D. Vermilyea¹, L. Tan², J. Conaghan³, M. Gvakharia⁴, K. Ivani⁵, C. Coutifaris¹, P.E. Chenette⁶, S.P. Willman⁷, J. Anthony¹, M. Mainigi¹, V. Suraj², A.A. Chen², S. Shen²
¹University of Pennsylvania Medical Centre, Penn Fertility Care, Philadelphia Pennsylvania, U.S.A.
²Auxogyn Inc., Medical and Scientific Affairs, Menlo Park, U.S.A.
³Pacific Fertility Center, IVF Laboratory, San Francisco, U.S.A.
⁴Fertility and Reproductive Health Institute, Reproductive Laboratories, San Jose, U.S.A.
⁵Reproductive Science Center of the SF Bay Area, IVF Laboratory, San Ramon, U.S.A.
⁶Pacific Fertility Center, Reproductive Endocrinology and Infertility, San Francisco, U.S.A.
⁷Reproductive Science Center of the SF Bay Area, Pre-implantation Genetic Testing, San Ramon, U.S.A.
- 16:15 O-150 The relationship between early cleavage morphokinetic time points is more predictive of implantation and live birth than single time points alone**
S. Montgomery¹, A. Campbell², M. Laegdsmand³, R. Smith⁴, S. Duffy¹, L. Best¹, D. Hulme², D. Sivanantham⁵, L. Jenner², L. Nice⁵, S. Fishel⁶
¹CARE Fertility, Embryology, Manchester, United Kingdom
²CARE Fertility, Embryology, Nottingham, United Kingdom
³Fertilitech, Dept of Scientific Communication and Collaboration, Aarhus, Denmark
⁴CARE Fertility, Embryology, Sheffield, United Kingdom
⁵CARE Fertility, Embryology, Northampton, United Kingdom
⁶CARE Fertility, Corporate, Nottingham, United Kingdom

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 1

Session 41: Improving ART outcome

Chairman: A. Makrigiannakis (Greece)

Chairman: Chairman to be announced

- 15:15 O-151 Predictive value of serum and follicular fluid levels of 25-OH vitamin D, osteopontin and sclerostin on the outcome of assisted reproductive treatment**
S. Roesner¹, A. Seydel¹, A. Germeyer¹, C. Thoene², D. Seehaus², T. Strowitzki¹, B. Toth¹
¹Universitäts-Frauenklinik, Gyn. Endokrinologie und Reproduktionsmed, Heidelberg, Germany
²Kinderwunschzentrum, Reproduktionsmedizin, Heidelberg, Germany
- 15:30 O-152 Circulating micrnas and cell-free DNA in infertile patient bloodstream as innovative non-invasive diagnostic biomarkers for assisted reproductive technology**
S. Traver¹, S. Assou¹, E. Scalici¹, M. Monfort², S. Belloc³, A. Dalleac³, S. Hamamah²
¹Institut de Recherche en Biothérapie, Inserm, Montpellier, France
²Arnaud de Villeneuve hospital, ART-PGD Department, Montpellier, France
³Eylau-Unilabs Laboratory, Eylau-Unilabs Laboratory, Paris, France
- 15:45 O-153 Preventive effect of oral mucosal epithelial cell-sheets on the endometrial adhesion**
G. Kuramoto¹, S. Takagi², K. Ishitani³, T. Shimizu², T. Okano², H. Matsui³
¹Tokyo Women's Medical University, Dep. of Obstetrics & Gynecology Institute of Advanced Biomedical Engineering and Science, Tokyo, Japan
²Tokyo Women's Medical University, Institute of Advanced Biomedical Engineering and Science, Tokyo, Japan
³Tokyo Women's Medical University, Dep. of Obstetrics & Gynecology, Tokyo, Japan
- 16:00 O-154 Urine hormones in relation to ultrasound observed ovulation and serum hormones in cycles from women with reportedly normal menstrual cycles**
S. Johnson¹, S. Weddell¹, S. Godbert², G. Freundl³, J. Roos⁴, C. Gnoth⁴
¹SPD Development Company Ltd, Scientific and Medical Affairs, Bedford, United Kingdom
²SPD Development Company Ltd, Statistics and Data Management, Bedford, United Kingdom
³University of Dusseldorf, Obstetrics and Gynecology, Dusseldorf, Germany
⁴Green-IVF, Endokrinologie & Reproduktionsmedizin, Grevenbroich, Germany
- 16:15 O-155 Arcuate uterus: is a normal or septate uterus**
I. Cobuzzi¹, C. Exacoustos², V. Romeo², E. Valli², F. Baiocco², C. Tosti³, E. Zupi³
¹University of Bari, Department of Obstetrics and Gynecology, Bari, Italy
²University of Rome Tor Vergata, Department of Obstetrics and Gynecology, Rome, Italy
³University of Siena, Department of Obstetrics and Gynecology, Siena, Italy

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 13

Session 42: Sperm DNA integrity

Chairman: C. Barratt (United Kingdom)

Chairman: S. Schlatt (Germany)

- 15:15 O-156 Revisiting DNA integrity in function of sperm motility**
A. Zanko¹, T. Cozzubbo¹, Q.V. Neri¹, Z. Rosenwaks¹, G.D. Palermo¹
¹Weill Cornell Medical College, Reproductive Medicine, New York NY, U.S.A.
- 15:30 O-157 Age of the sperm donor: does it really matter - an analysis of 1,048,576 assisted reproduction treatment cycles**
N.K. Ghuman¹, M. Choudhary¹
¹Newcastle Fertility Centre at Life, fertility centre, Newcastle upon Tyne, United Kingdom
- 15:45 O-158 Seminal plasma round cell as an indicator of spermatogenic integrity**
T. Cozzubbo¹, Q.V. Neri¹, S. Cheung¹, Z. Rosenwaks¹, G.D. Palermo¹
¹Weill Cornell Medical College, Reproductive Medicine, New York NY, U.S.A.
- 16:00 O-159 Topographic mapping of sperm DNA fragmentation within the male genital tract**
L. Johanesen¹, T. Cozzubbo¹, Q.V. Neri¹, M. Goldstein², P.N. Schlegel², Z. Rosenwaks¹, G.D. Palermo¹
¹Weill Cornell Medical College, Reproductive Medicine, New York N.Y., U.S.A.
²Weill Cornell Medical College, Urology, New York N.Y., U.S.A.
- 16:15 O-160 The quest for the less than ideal spermatozoon - does it generate good quality embryos**
Q.V. Neri¹, S. Cheung¹, Z. Rosenwaks¹, G.D. Palermo¹
¹Weill Cornell Medical College, Reproductive Medicine, New York NY, U.S.A.

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room B1 (Hall B0)

Session 43: Safety issues for mother and child

Chairman: W. Nelen (The Netherlands)

Chairman: S. von Otte (Germany)

- 15:15 O-161 Cervical conisation and risk of preterm delivery in assisted reproductive technology (ART) singleton and twin pregnancies - Danish national cohort study**
A. Pinborg¹, G.O. Lykkegaard², A. Loft³, S.C. Rasmussen⁴, H.J. Ingerslev⁵
¹Copenhagen University Hospital Hvidovre, Department of Obstetrics and Gynecology, Copenhagen, Denmark
²Skejby Hospital Aarhus University, Department of Obstetrics and Gynecology, Aarhus, Denmark
³Rigshospitalet Copenhagen University Hospital, Fertility Clinic, Copenhagen, Denmark
⁴Copenhagen University Hospital Hvidovre, Department of Clinical Microbiology, Copenhagen, Denmark
⁵Skejby Hospital Aarhus University, Fertility Clinic, Aarhus, Denmark
- 15:30 O-162 Predictive factors of poor perinatal outcomes in 6338 singletons born after intrauterine insemination in Denmark 2007 to 2012 - the influence of ovarian stimulation**
S.S. Malchau¹, A. Loft¹, A.A. Henningsen¹, A.N. Andersen¹, A. Pinborg²
¹Copenhagen University Hospital Rigshospitalet, Fertility Clinic section 4071, Copenhagen, Denmark
²Copenhagen University Hospital Hvidovre Hospital, Department of Obstetrics and Gynecology, Hvidovre, Denmark
- 15:45 O-163 Pregnancies issued from egg donation are associated to a higher risk of hypertensive pathologies then control ART pregnancies. Results of a large comparative cohort study**
H. Letur-Köenirsch¹, M. Peigné², J. Ohl³, I. Cédrin⁴, E. Mathieu d'Argent⁵, F. Scheffler⁶, V. Gzregorczyk-Martin⁷, J. De Mouzon⁸
¹Centre de Fertilité, Institut Mutualiste Montsouris, Paris, France
²Service de Médecine de la Reproduction, Hôpital Jeanne de Flandre - CHRU, Lille, France
³Service de Gynécologie Obstétrique, CMCO Hôpital CHU, Schiltigheim, France
⁴Service d'Endocrinologie et Médecine de la Reproduction, Hôpital Jean Verdier, Bondy, France
⁵Service de Gynécologie-Obstétrique, Hôpital Tenon, Paris, France
⁶BDR - Centre de Gynécologie Obstétrique, CHU d'Amiens, Amiens, France
⁷Service de Gynécologie-Obstétrique, CHI des 4 Villes - Site Sèvres, Sèvres, France
⁸INSERM Service de Gynécologie Obstétrique II et Médecine de la Reproduction, CHU Cochin Port Royal APHP, Paris, France

- 16:00 O-164 **Cervical mucus removal prior to embryo transfer in women undergoing IVF/ICSI: a systematic review and meta-analysis of randomised controlled trials**
L. Craciunas¹, N. Tsampras¹, C. Fitzgerald¹
¹Central Manchester University Hospitals Foundation Trust, St. Mary's Hospital Department of Reproductive Medicine, Manchester, United Kingdom
- 16:15 O-165 **Risk of cancer in children born after maternal use of fertility drugs: results from a nationwide Danish population-based cohort study**
M. Hargreave¹, A. Jensen¹, T.S.S. Nielsen¹, E.P. Colov¹, K.K. Andersen², A. Pinborg³, S.K. Kjaer¹
¹Danish Cancer Society Research Center, Virus Lifestyle and Genes, Copenhagen, Denmark
²Danish Cancer Society Research Center, Statistics Bioinformatics and Registry, Copenhagen, Denmark
³Copenhagen University Hospital Hvidovre, Department of Obstetrics and Gynecology, Copenhagen, Denmark

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room B2 (Hall B0)

Session 44: Underlying mechanisms of early pregnancy pathology

Chairman: S. Quenby (United Kingdom)

Chairman: W. Wurfel (Germany)

- 15:15 O-166 Inflammatory cytokines in the placenta and maternal circulation of chromosomally abnormal first trimester miscarriages**
J. Calleja-Agius¹, E. Januiaux², S. Muttukrishna²
¹Faculty of Medicine and Surgery University of Malta Tal-Qroqq Msida 2090 Malta, Department of Anatomy, Tarxien, Malta
²UCL EGA Institute for Women's Health University College London 86-96 Chenies Mews London, Obstetrics and Gynaecology, London, United Kingdom
- 15:30 O-167 Standardisation of uterine natural killer (uNK) cell measurements in endometrium of women with recurrent miscarriage**
G.E. Lash¹, S.M. Laird², T.C. Li², B.A. Innes¹, N. Mariee², N. Patel³, S.M. Quenby³, J.N. Bulmer¹
¹Newcastle University, Institute of Cellular Medicine, Newcastle upon Tyne, United Kingdom
²Sheffield Hallam University, Biomedical Research Centre, Sheffield, United Kingdom
³University of Warwick, Biomedical Research Unit in Reproductive Health, Coventry, United Kingdom
- 15:45 O-168 Relation between cytokine gene polymorphisms and concentration of autoantibodies and CD markers in Iranian recurrent miscarriage patients**
S. Zarej¹, M. Bahadori¹, S. Talebi², K. Saliminejad², R. Zargham², M. Jeddi-Tehrani¹, F. Idali³
¹Avicenna Research Institute ACECR, Monoclonal Antibody Research Center, Tehran, Iran
²Avicenna Research Institute ACECR, Reproductive Biotechnology Research Center, Tehran, Iran
³Avicenna Research Institute ACECR, Reproductive Immunology Research Center, Tehran, Iran
- 16:00 O-169 Unusual inverse relationship of DR and IL-2R expression on blood T-lymphocytes and decreased in-vitro responsiveness of T-cells in recurrent miscarriage**
B. Toth¹, R. Kuon², T. Strowitzki¹, J. Schaumann², V. Daniel³
¹University Hospital, Department of Gynecological Endocrinology and Fertility Disorders, Heidelberg, Germany
²University Hospital, Department of Obstetrics and Gynecology, Heidelberg, Germany
³University Hospital, Transplantation-Immunology Institute of Immunology, Heidelberg, Germany
- 16:15 O-0170 An early pregnancy assessment unit improves quality of care and reduces health care costs**
M. Van den Berg¹, M. Goddijn¹, W.M. Ankum², E.E. Van Woerden³, F. Van der Veen¹, M. Van Wely¹, P.J. Hajenius²
¹Academic Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
²Academic Medical Centre, Obstetrics and Gynaecology, Amsterdam, The Netherlands
³Zuidoost Kliniek, Out-patient clinic for Gynaecological Care, Amsterdam, The Netherlands

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

15:15 - 16:30 Room 5

Session 45: Epigenetics in gamete competence and implantation

Chairman: C. Spits (Belgium)

Chairman: U. Eichenlaub-Ritter (Germany)

- 15:15 O-171 Imprinting landscape of human placenta as discovered by whole transcriptome RNA-sequencing and exome variant data analysis**
T. Viltrop¹, T. Metsalu², A. Tiirats³, B. Rajashekar², E. Reimann⁴, S. Kõks⁵, K. Rull⁶, L. Milani⁷, J. Vilo², R. Mägi⁷, A. Metspalu⁷, M. Peters¹, K. Haller-Kikkatalo¹, A. Salumets¹
¹Competence Centre of Reproductive Medicine and Biology, Tartu, Estonia
²University of Tartu, Institute of Computer Science, Tartu, Estonia
³Tartu University Hospital, Children's Clinic, Tartu, Estonia
⁴University of Tartu, Core Facility of Clinical Genomics, Tartu, Estonia
⁵University of Tartu Institute of Biomedicine and Translational Medicine, Department of Pathophysiology, Tartu, Estonia
⁶Tartu University Hospital, Women's Clinic, Tartu, Estonia
⁷University of Tartu, Estonian Genome Center, Tartu, Estonia
- 15:30 O-172 Global transcriptome analysis of oocytes and granulosa cells from all stages of human folliculogenesis via next generation sequencing**
E.H. Ernst¹, P. Villesen², M.L. Grøndahl³, A. Heuck¹, C.Y. Andersen⁴, K. Lykke-Hartmann¹
¹Biomedicine, Pharmacology Aarhus University, Aarhus, Denmark
²Science, Bioinformatics Research Center (BiRC), Aarhus, Denmark
³Fertility Clinic Herlev Hospital, University Hospital of Copenhagen, Copenhagen, Denmark
⁴Laboratory of Reproductive Biology The Julian Marie Centre for Women Children and Reproduction, University hospital of Copenhagen, Copenhagen, Denmark
- 15:45 O-173 DNA methylation analysis of in vitro matured human oocytes retrieved from small antral follicles**
T. Haaf¹, J. Kuhtz¹, S. Romero², M. De Vos², J. Smits², E. Anckaert²
¹Julius Maximilians University, Human Genetics, Wuerzburg, Germany
²Vrije Universiteit Brussel, Follicle Biology Laboratory and Center for Reproductive Medicine, Brussels, Belgium
- 16:00 O-174 Conventional IVF versus ICSI; differences in placental gene expression**
H. Akerud¹, J. Hreinsson¹, H. Kaihola¹, A. Stavreus-Evers¹, J. Olivier¹, I. Sundström-Poromaa¹, K. Kårehed¹
¹Uppsala University, Department of Women's and Children's Health, Uppsala, Sweden

16:15 O-175 **Variable expression of the major POI/POF candidate gene FMR1 in human granulosa cells under epigenetic control: genetic marker for human ovarian reserve?**

J. Rehnitz¹, J. Engelbrecht¹, K. Hinderhofer², T. Strowitzki³, P.H. Vogt¹

¹University Women's Hospital, Reproduction Genetics Unit Dept. Gynecological Endocrinology and Reproductive Medicine, Heidelberg, Germany

²Institute of Human Genetics, Laboratory of Molecular Genetics, Heidelberg, Germany

³University Women's, Dept. Gynecological Endocrinology and Reproductive Medicine, Heidelberg, Germany

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room 1

Session 46: Clinical endocrinology (1)

Chairman: D. Romualdi (Italy)

Chairman: T. Piltonen (Finland)

- 17:00 O-176 Polycystic ovary syndrome and its symptoms increase the risk of pregnancy complications: population-based cohort study**
S. West¹, M. Väärasmäki¹, T. Piltonen¹, M.R. Jarvelin², S. Franks³, J.S. Tapanainen⁴, L. Morin-Papunen¹
¹University of Oulu and Oulu University Hospital, Department of Obstetrics and Gynaecology, Oulu, Finland
²National Institute for Health and Welfare, Department of Children Young People and Families, Oulu, Finland
³Imperial College London, Institute of Reproductive and Developmental Biology, London, United Kingdom
⁴University of Helsinki and Helsinki University Central Hospital, Department of Obstetrics and Gynaecology, Helsinki, Finland
- 17:15 O-177 Hyperhomocysteinemia rather than hyperinsulinemia - the major determinant for long-term thrombophilic manifestations of polycystic ovary syndrome**
B.N. Chakravarty¹, P. Chakraborty², A. Ghosh²
¹Institute of Reproductive Medicine, ART, Calcutta, India
²Institute of Reproductive Medicine, Infertility, Calcutta, India
- 17:30 O-178 Testosterone levels and FAI in adolescent girls are related to the rate of childhood growth but not to intrauterine growth**
H. Lashen¹, K. Ong², D.B. Dunger³, S. Franks⁴, G. Davey-Smith⁵, M.R. Jarvelin⁵
¹University of Sheffield, Human Metabolism, Sheffield, United Kingdom
²MRC, Epidemiology Unit, Cambridge, United Kingdom
³University of Cambridge, Paediatrics, Cambridge, United Kingdom
⁴Imperial College, Endocrinology, London, United Kingdom
⁵Bristol University, Epidemiology Unit, Bristol, United Kingdom

- 17:45 O-179 **The effectiveness of a structured lifestyle program in overweight and obese subfertile women. Preliminary data from a randomised controlled trial (LIFEstyle study)**
M.A.Q. Mutsaerts¹, A.M. Van Oers¹, H. Groen², J.M. Burggraaff³, W.K.H. Kuchenbecker⁴,
D.A.M. Perquin⁵, C.A.M. Koks⁶, R. Van Golde⁷, E.M. Kaaijk⁸, J.M. Schierbeek⁹, G.J.E. Oosterhuis¹⁰,
F.J. Broekmans¹¹, J.A. Land¹, B.W. Mol¹², A. Hoek¹
- ¹University Medical Center Groningen University of Groningen, Obstetrics and Gynaecology, Groningen, The Netherlands
- ²University Medical Center Groningen University of Groningen, Epidemiology, Groningen, The Netherlands
- ³Leveste Hospital, Obstetrics and Gynaecology, Emmen, The Netherlands
- ⁴Isala Clinics, Obstetrics and Gynaecology, Zwolle, The Netherlands
- ⁵Medical Center Leeuwarden, Obstetrics and Gynaecology, Leeuwarden, The Netherlands
- ⁶Maxima Medical Center, Obstetrics and Gynaecology, Veldhoven, The Netherlands
- ⁷Maastricht University Medical Center Maastricht University, Obstetrics and Gynaecology, Maastricht, The Netherlands
- ⁸Onze Lieve Vrouwe Gasthuis, Obstetrics and Gynaecology, Amsterdam, The Netherlands
- ⁹Deventer Hospital, Obstetrics and Gynaecology, Deventer, The Netherlands
- ¹⁰Antonius Hospital, Obstetrics and Gynaecology, Nieuwegein, The Netherlands
- ¹¹University Medical Center Utrecht Utrecht University, Obstetrics and Gynaecology, Utrecht, The Netherlands
- ¹²University of Adelaide, School of Paediatrics and Reproductive Health, Adelaide, Australia

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room 13

Session 47: Basic physiology in embryology

Chairman: G. Coticchio (Italy)

Chairman: Chairman to be announced

- 17:00 O-180 A modified human growth differentiation factor 9 is potently active in a porcine ivm model with inherent low oocyte developmental competence**
J. Li¹, S. Sugimura², T. Mueller³, M. White², G. Martin², L. Ritter², X. Liang¹, R. Gilchrist⁴, D. Mottershead²
¹Center of Reproductive Medicine, Sixth Affiliated Hospital of Sun Yat-Sen University, Guangzhou, China
²Robinson Institute, The University of Adelaide, Adelaide, Australia
³Lehrstuhl für Pflanzenphysiologie und Biophysik, Julius-von-Sachs Institut Julius-von Sachs Platz 2, Würzburg, Germany
⁴School of Women's & Children's Health/Robinson Institute, University of New South Wales/The University of Adelaide, Sydney/Adelaide, Australia
- 17:15 O-181 Effect of dehydroepiandrosterone on ovine in vitro oocyte maturation**
A. Narkwichean¹, B.K. Campbell¹, K. Jayaprakasan², R. King¹, A. Makris¹, W.E. Maalouf¹
¹University of Nottingham, Division of Obstetrics and Gynaecology School of Medicine, Nottingham, United Kingdom
²Royal Derby Hospital, Reproductive Medicine and Fertility Unit, Derby, United Kingdom
- 17:30 O-182 The role of WNT signaling in human preimplantation development**
M. Krivega¹, W. Essahib¹, H. Van De Velde²
¹Vrije Universiteit Brussel, Reproduction and Genetics (REGE), Brussels, Belgium
²Universitair Ziekenhuis Brussel (UZ Brussel), Centre for Reproductive Medicine (CRG), Brussels, Belgium
- 17:45 O-183 Differences in gene expression in human preimplantation embryos cultured in two different IVF culture media**
S.H.M. Kleijkers¹, L.M. Eijssen², E. Coonen¹, J.G. Derhaag¹, E. Mantikou³, M.J. Jonker⁴, S. Mastenbroek³, S. Repping³, J.L.H. Evers¹, J.C.M. Dumoulin¹, A.P.A. Van Montfoort¹
¹Maastricht University Medical Centre, Obstetrics & Gynaecology, Maastricht, The Netherlands
²Maastricht University, Bioinformatics-BiGCaT, Maastricht, The Netherlands
³Academic Medical Center, Center for Reproductive Medicine, Amsterdam, The Netherlands
⁴Swammerdam Institute for Life Sciences-University of Amsterdam, MicroArray Department and Integrative Bioinformatics Unit, Amsterdam, The Netherlands

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room B1 (Hall B0)

Session 48: Implantation failure and the endometrium

Chairman: G.A.J. Dunselman (The Netherlands)

Chairman: L. Kiesel (Germany)

- 17:00 O-184 Increased previous spontaneous abortions rate in endometriotic women**
P. Santulli¹, L. Marcellin¹, S. Menard¹, V. Gayet¹, V. Blanchet¹, D. De Ziegler¹, B. Borghese¹, C. Chapron¹
¹Université Paris Descartes Sorbonne Paris Cité Faculté de Médecine AP- HP Hôpital Cochin, Department of Gynecology Obstetrics II and Reproductive Medicine, Paris, France
- 17:15 O-185 Network meta-analysis of interventions used to improve clinical pregnancy rate in women with implantation failure**
N. Potdar¹, F. Achana², T.A. Gelbaya¹
¹University Hospitals of Leicester, Leicester Fertility Centre, Leicester, United Kingdom
²University of Leicester, Health Sciences, Leicester, United Kingdom
- 17:30 O-186 Intra-uterine administration of human chorionic gonadotrophin (hcg) before embryo transfer in recurrent implantation failure (RIF) patients improves implantation and pregnancy rates in IVF-ICSI cycles**
R. Singh¹, M. Singh¹
¹Bhopal Test Tube Baby Centre, Infertility, Bhopal, India
- 17:45 O-187 Serum VEGF level on day of embryo transfer is indicative of a vascularized receptive endometrium and is a non-invasive implantation marker in ongoing IVF cycles**
B.N. Mehta-Chimote¹, N. Nath², N.N. Chimote³, N.M. Chimote⁴
¹Vaunshdhara Clinic and Assisted Conception Centre, Embryology/ Biochemistry, Nagpur, India
²Vaunshdhara Clinic and Assisted Conception Centre, Biochemistry, Nagpur, India
³Vaunshdhara Clinic and Assisted Conception Centre, Embryology, Nagpur, India
⁴Vaunshdhara Clinic and Assisted Conception Centre, Endocrinology/ Embryology, Nagpur, India

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room B2 (Hall B0)

Session 49: Nurses' perspective in patient care and quality of life

Chairman: H.J. Kendrew (United Kingdom)

Chairman: Chairman to be announced

- 17:00 O-188 Clinical research in reproductive medicine: the contribution of the research nurse**
T.S. De Vries¹, E.A.F. Dancet¹, B.W. Mol², F. Van der Veen¹, M. Goddijn¹, S.M. Michon¹
¹Academic Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
²Academic Medical Centre, Obstetrics and Gynaecology, Amsterdam, The Netherlands
- 17:15 O-189 Spanish patient's desires and attitudes about single or multiple embryo transfer**
M. Tirado¹, P. Dolz², D. Guerra³, J. Ramos⁴, C. Vidal⁵, C. Caligara⁶, A. Casas⁷, N. Prados⁸, M. Fernandez⁶
¹IVI Sevilla, Psychology Department, Sevilla, Spain
²IVI Valencia, Psychology Department, Valencia, Spain
³IVI Barcelona, Psychology Department, Barcelona, Spain
⁴IVI Sevilla, Gynecologist, Sevilla, Spain
⁵IVI Valencia, Gynecologist, Valencia, Spain
⁶IVI Seville, Gynecologist, Seville, Spain
⁷IVI Barcelona, Gynecologist, Barcelona, Spain
⁸IVI Seville, Biologist, Seville, Spain
- 17:30 O-190 Is the quality of life in poor ovarian responders (POR) worse than normal responders? a prospective study using fertiqol**
G. Gosalbez¹, R.E. Nataloni¹, M. Aula¹, C. Fernandez¹, S. Nuñez¹, L. Luque¹, J. Ortiz¹, J. Llacer¹, R. Bernabeu¹
¹Instituto Bernabeu, Reproductive Medicine, Alicante, Spain
- 17:45 O-191 Quality of care in an IVF programme: differences and similarities between genders**
H. Holter¹, A.K. Sandin-Bojö², A.L. Gejervall¹, M. Wikland¹, B. Wilde-Larsson², C. Bergh¹
¹Clinical Sciences Sahlgrenska Academy, Obstetrics and Gynaecology, Gothenburg, Sweden
²Faculty of Health Science and Technology, Department of Health Sciences Nursing Sciences Karlstad University, Karlstad, Sweden

TUESDAY 1 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

17:00 - 18:00 Room 5

Session 50: The psychology of fertility preservation and gamete donation

Chairman: S. Gameiro (Portugal)

Chairman: T. Wischmann (Germany)

- 17:00 O-192 Oocyte freezing for social indications: an internet based survey of knowledge, attitudes and intentions among women in Denmark and the United Kingdom**
C. Lallemand¹, D. Vassard², A. Nyboe Andersen³, L. Schmidt², N. Macklon¹
¹Complete Fertility Centre Princess Anne Hospital, Women and Newborn, Southampton, United Kingdom
²University of Copenhagen, Department of Public Health, Copenhagen, Denmark
³Copenhagen University Hospital, The Fertility Clinic, Copenhagen, Denmark
- 17:15 O-193 Fertility preservation in young cancer patients - how to facilitate decision-making best?**
S. Tschudin¹, M. Mueller¹, R. Zanetti¹, R. Moffat¹, C. Urech¹
¹University Hospital, Obstetrics and Gynecology, Basel, Switzerland
- 17:30 O-194 How to improve clinical pathways for fertility preservation in a pediatric population: results of a survey on decisional process in the patients and parents**
C. Wyns¹, C. Collienne², P. Laurent¹, R. Imbert¹, B. Brichard²
¹Cliniques Universitaires Saint Luc, Gynaecology-Andrology, Brussels, Belgium
²Cliniques Universitaires Saint Luc, Pediatric Haematology, Brussels, Belgium
- 17:45 O-195 Preferences and needs regarding future contact with donation offspring among identity-release gamete donors. Results from the Swedish study on gamete donation**
S. Isaksson¹, G. Sydsjö², A. Skoog Svanberg³, C. Lampic⁴
¹Uppsala University, Department of Public Health and Caring Sciences, Uppsala, Sweden
²Linköping University, Department of Clinical and Experimental Medicine, Linköping, Sweden
³Uppsala University, Department of Women's and Children's Health, Uppsala, Sweden
⁴Karolinska Institutet, Department of Neurobiology Care Sciences and Society, Stockholm, Sweden

OVERVIEW WEDNESDAY, 2 JULY 2014

08:30 - 09:30	<p>SESSION 51: IMPROVING MEDICAL DECISION MAKING</p> <ul style="list-style-type: none"> Improving decision making in the clinic and laboratory. The importance of non-technical skills Use of modern business intelligence systems in medicine 	Room 14
08:30 - 09:30	<p>SESSION 52: UPDATE ON ULTRASOUND IN REPRODUCTIVE HEALTH CARE</p> <ul style="list-style-type: none"> Automated ultrasound in reproductive medicine Introducing virtual ultrasound training as a new teaching tool in early pregnancy 	Room 1
08:30 - 09:30	<p>SESSION 53: PARAMEDICAL INVITED DEBATE SESSION Laboratory (Debate) - Is there time for time-lapse in the laboratory?</p> <ul style="list-style-type: none"> Pro Contra 	Room 5
10:00 - 11:15	INDUSTRY-SPONSORED SYMPOSIUM	Room 1
10:00 - 11:45	SESSION 54: CLINICAL ENDOCRINOLOGY (2)	Room 14
10:00 - 11:45	SESSION 55: GENES AND EMBRYO DEVELOPMENT	Room 13
10:00 - 11:45	SESSION 56: STEM CELLS & TRANSLATIONAL RESEARCH	Room B1 (Hall B0)
10:00 - 11:45	SESSION 57: FEMALE REPRODUCTIVE PHYSIOLOGY	Room B2 (Hall B0)
10:00 - 11:45	SESSION 58: MALE AND FEMALE FERTILITY PRESERVATION	Room 5
12:00 - 13:00	<p>SESSION 59: DOES DELAYED TRANSFER GIVE BETTER RESULTS (FREEZE ALL POLICY)?</p> <ul style="list-style-type: none"> Avoiding neurologic injuries due to patient positioning; safe trocar entry; complications related to robotic surgery Bowel and urologic injuries; complications from morcellation 	Room 14
12:00 - 13:00	<p>SESSION 60: SOCIETY OF REPRODUCTIVE SURGEONS SYMPOSIUM - "PREVENTION AND MANAGEMENT OF LAPAROSCOPIC COMPLICATIONS"</p> <ul style="list-style-type: none"> Avoiding neurologic injuries due to patient positioning; safe trocar entry; complications related to robotic surgery Bowel and urologic injuries; complications from morcellation 	Room 1
12:00 - 13:30	<p>SESSION 61: INFERTILITY TRIALS: ROADMAP TO SUCCESS</p> <ul style="list-style-type: none"> Clinical trials in infertility with traditional Chinese medicine: lessons in infrastructure and team building Resource intensive multicenter trials in infertility: Strengths and weaknesses Pragmatic multicenter clinical trials in infertility: Streamlining the trial enterprise Clinical trials and treatment of infertility in low resource settings 	Room 5

14:00 - 15:15	SESSION 62: A LOOK INSIDE THE OCCYTE	Room 14
14:00 - 15:15	SESSION 63: BASIC ENDOCRINOLOGY	Room 1
14:00 - 15:15	SESSION 64: HOW TO GET THE MOST OUT OF YOUR EMBRYOS	Room 13
14:00 - 15:15	SESSION 65: ORIGIN AND DIAGNOSIS OF MEIOTIC ERRORS	Room B1 (Hall B0)
14:00 - 15:15	SESSION 66: FEMALE INFERTILITY: DIAGNOSIS AND TREATMENT	Room B2 (Hall B0)
14:00 - 15:15	SESSION 67: GENETICS IN ANDROLOGY	Room 5
15:30 - 16:30	SESSION 68: CLOSING AND AWARD CEREMONY	Room 1

WEDNESDAY 2 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 14

Session 51: Improving medical decision making

Chairman: L. Gianaroli (Italy)

Chairman: Chairman to be announced

08:30 0-196 Improving decision making in the clinic and laboratory. The importance of Non-Technical Skills

R. Flin¹

¹University of Aberdeen King's College, Industrial Psychology Research Centre, Old Aberdeen, United Kingdom

09:00 0-197 Use of modern business intelligence systems in medicine

J. Lindvall¹

¹Uppsala University, Department of Business Studies, Uppsala, Sweden

WEDNESDAY 2 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 1

Session 52: Update on ultrasound in reproductive health care

Chairman: C. Calhaz - Jorge (Portugal)

Chairman: C.B. Lambalk (The Netherlands)

08:30 0-198 Automated ultrasound in reproductive medicine

N. Raine-Fenning¹

¹Nurture Fertility, University of Nottingham, Nottingham, United Kingdom

09:00 0-199 Introducing virtual ultrasound training as a new teaching tool in early pregnancy

M.G. Tolsgaard¹

¹Copenhagen University Hospital, Centre for Clinical Education and the Juliane Marie Centre, Copenhagen, Denmark

WEDNESDAY 2 JULY 2014

INVITED SESSION

08:30 - 09:30 Room 5

Session 53: Paramedical invited debate session - Laboratory (Debate) - Is there time for time-lapse in the laboratory?

Chairman: S.N. Eikeland (Norway)

Chairman: H. Bendtsen (Denmark)

08:30 0-200 Pro

M. Boada¹

¹Hospital Universitari Quirón Dexeus, Departament d'Obstetrícia Ginecologia i Reproducció, Barcelona, Spain

09:00 0-201 Contra

S. Mastenbroek¹

¹Center for Reproductive Medicine, Academic Medical Center University of Amsterdam, Amsterdam, The Netherlands

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:45 Room 14

Session 54: Clinical endocrinology (2)

Chairman: F.J. Broekmans (The Netherlands)

Chairman: Chairman to be announced

- 10:00 O-202 **AMH predicts menopause; results of an ongoing follow up study in normo-ovulatory women**
M. Depmann¹, M.J.C. Eijkemans², G.J. Scheffer¹, I.A.J. Van Rooij¹, A. De Vet¹, B.W.J. Mol³,
F.J.M. Broekmans¹

¹University Medical Center, Reproductive Medicine and Gynaecology, Utrecht, The Netherlands

²Julius Center for Health Sciences and Primary Care, Biostatistics and Research Support, Utrecht, The Netherlands

³Academic Medical Center, Obstetrics and Gynaecology, Amsterdam, The Netherlands

- 10:15 O-203 **Ovarian reserve assessment in users of oral contraception seeking fertility advice on their reproductive time span**

K. Birch Petersen¹, H. Westring Hvidman¹, A. Pinborg², E.C. Larsen¹, K.T. Macklon¹,
A. Nyboe Andersen¹

¹Copenhagen University Hospital, Fertility Clinic, Copenhagen, Denmark

²Copenhagen University Hospital Hvidovre Hospital, Department of Gynecology/Obstetrics, Copenhagen, Denmark

- 10:30 O-204 **Anti-Müllerian hormone (AMH) serum levels are correlated with the number of primary follicles in ovaries of female-to-male transgender persons**

C. De Roo¹, S. Lierman¹, K. Tilleman¹, M. Cornelissen², S. Weyers³, G. T'Sjoen⁴, P. De Sutter¹

¹University Hospital Ghent, Reproductive Medicine, Ghent, Belgium

²University Ghent, Basis Medical Science Faculty of Medicine and Health Science, Ghent, Belgium

³University Hospital Ghent, Gynaecology, Ghent, Belgium

⁴University Hospital Ghent, Endocrinology, Ghent, Belgium

- 10:45 O-205 **The relationship between follicle-stimulating hormone receptor polymorphism status and ongoing pregnancy in IVF; a large retrospective observational study**

T.E. König¹, J. Van der Lee¹, R. Schats¹, P. Hompes², C.B. Lambalk²

¹VUMC, IVF Centre, Amsterdam, The Netherlands

²VUMC, Voortplantingsgeneeskunde, Amsterdam, The Netherlands

- 11:00 O-206 **Ovarian response in BRCA1 carriers: a case-control study**

W. Verpoest¹, E. Elsen¹, S. Mackens¹, M. De Rycke², M. Bonduelle², H. Van De Velde¹, C. Blockeel¹,
M. De Vos¹, N. Polyzos¹, H. Tournaye¹

¹Universitair Ziekenhuis Brussel, Centre for Reproductive Medicine, Brussels, Belgium

²Universitair Ziekenhuis Brussel, Centre for Medical Genetics, Brussels, Belgium

11:15 O-207 **Transfer of frozen embryos in an artificial cycle after a failed long Gn-Rh agonist protocol: hormonal profiles of 2 separate transfers in one month**

C. Avril¹, A. Finet¹, V. Grzegorzczuk-Martin¹, J. Roset¹

¹*Clinique Mathilde, Medecine de la Reproduction, Rouen Cedex, France*

11:30 O-208 **ESHRE guideline: Management of women with Premature Ovarian Insufficiency**

M. Davies¹

¹*University College London Hospitals Trust, Reproductive Medicine Unit, London, United Kingdom*

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:45 Room 13

Session 55: Genes and embryo development

Chairman: C. Magli (Italy)

Chairman: Chairman to be announced

- 10:00 O-209 **RNA sequencing provides new insights into the timing of embryonic genome**
E. Wolf¹, A. Graf¹, S.T. Krebs¹, V. Zakhartchenko¹, H. Blum¹
¹Gene Center LMU Munich, Molecular Animal Breeding and Biotechnology, Munich, Germany
- 10:15 O-210 **PGS results in cycles producing day 5 and day 6 blastocysts**
K. Ketterson¹, D. Hill², J. Barritt², P. Colls¹, E. Mills¹, C. Wagner³, A. Beltsos³, C. MacCaffrey⁴, J. Grifo⁴, S. Munne¹
¹Reprogenetics, Livingston, U.S.A.
²SCRC, Beverly Hills, U.S.A.
³Fertility Centers of Illinois, Highland Park, U.S.A.
⁴New York University Fertility Center, New York, U.S.A.
- 10:30 O-211 **Analysis of clinical outcome performing fresh or vitrified-warmed blastocyst transfer after trophoctoderm biopsy in 307 Preimplantation Genetic Screening with array comparative genomic hybridization cycles**
A. Colasante¹, M.G. Minasi¹, A. Ruberti¹, V. Casciani¹, R.P. Cotarello¹, S. Bono², A. Nuccitelli², A. Biricik², K. Litwicka¹, C. Mencacci¹, F. Fiorentino², E. Greco¹
¹European Hospital, Medicina della Riproduzione, Rome, Italy
²Genoma, Molecular Genetics Laboratory, Rome, Italy
- 10:45 O-212 **Morphology dynamics of multinucleation affects embryo chromosome content**
E. Muñoz Muñoz¹, M. Ojeda², M. Perez², E. Taboas², M. Meseguer³, J. Aguilar²
¹IVI Vigo, Reproductive Medicine, Vigo, Spain
²IVI Vigo, IVF Laboratory, Vigo, Spain
³IVI Valencia, IVF Laboratory, Valencia, Spain
- 11:00 O-213 **Vitrified embryo transfer (VFET) success of euploid blastocysts (BL) is similar among morphologic quality grades**
M.C. Schiewe¹, J.B. Whitney¹, N. Nugent¹, S. Zozula¹, R.E. Anderson¹
¹Southern California Institute for Reproductive Sciences, ART, Newport Beach CA, U.S.A.
- 11:15 O-214 **Analysis of morphology, morphokinetic and ploidy status in 1035 biopsied blastocysts.**
M.G. Minasi¹, A. Colasante¹, A. Ruberti¹, A.M. Lobascio¹, A. Nuccitelli², L. Spizzichino², A. Biricik², M.T. Varricchio¹, K. Litwicka¹, F. Fiorentino², E. Greco¹
¹European Hospital, Medicina della Riproduzione, Rome, Italy
²Genoma, Molecular Genetics Laboratory, Rome, Italy

11:30 O-215 Next generation sequencing reveals distinct differences in global gene expression profiles in non-implanted blastocysts and blastocysts resulting in live birth.

K. Kirkegaard¹, P.F. Villesen², J.M. Jensen², J.J. Hindkjær³, S. Kølvraa⁴, H.J. Ingerslev³, K. Lykke-Hartmann⁵

¹Aarhus University Hospital, Dep of Clinical Biochemistry, Aarhus, Denmark

²Aarhus University, BiRC, Aarhus, Denmark

³Aarhus University Hospital, Fertility Clinic/Centre for Preimplantation Genetic Diagnosis, Aarhus, Denmark

⁴Vejle Hospital, Dep of Clinical Genetics, Vejle, Denmark

⁵Aarhus University, Dep of Biomedicine, Aarhus, Denmark

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:45 Room B1 (Hall B0)

Session 56: Stem cells & Translational research

Chairman: R. Vassena (Spain)

Chairman: M. Götte (Germany)

- 10:00 O-216 Assessment of cellular heterogeneity in the level of mitochondrial DNA heteroplasmy in mouse embryonic stem cells**
J. Neupane¹, B. Heindryckx¹, M. Vandewoestyne², S. Ghimire¹, Y. Lu¹, R. Van Coster³, D. Deforce², T. Deroo¹, P. De Sutter¹
¹University Hospital Ghent, Department for Reproductive Medicine, Ghent, Belgium
²Ghent University, Laboratory for Pharmaceutical Biotechnology, Ghent, Belgium
³University Hospital Ghent, Department of Pediatric Neurology & Metabolism, Ghent, Belgium
- 10:15 O-217 Stable non-random X chromosome inactivation in human embryonic stem cells: culture artefact rather than a parent-of-origin specific event**
M. Geens¹, L. Barbé¹, C. Spits¹, K. Dée¹, L. Van Haute¹, K. Sermon¹
¹Vrije Universiteit Brussel, Reproduction and Genetics, Brussels, Belgium
- 10:30 O-218 Endoderm formation improves germ cell differentiation potential of human embryonic stem cells**
G. Duggal¹, B. Heindryckx¹, S. Warriar¹, T. Deroo¹, S. Chuva De Sousa Lopes², D. Deforce³, P. De Sutter¹
¹Ghent University Hospital, Department for Reproductive Medicine, Ghent, Belgium
²Leiden University Medical Center, Department of Anatomy and Embryology, Leiden, The Netherlands
³Ghent University, Laboratory of Pharmaceutical Biotechnology Faculty of Pharmaceutical Sciences, Ghent, Belgium
- 10:45 O-219 Inhibition of DMRTA2 impairs human female germline development in xeno-grafted ovaries**
M. Poulain¹, S. Tourpin², V. Muczynski², A. Benachi¹, V. Rouiller-Fabre², R. Habert², N. Frydman¹, G. Livera²
¹Antoine Béclère Hospital, ART, Clamart Cedex, France
²Inserm U967, LDG, Fontenay aux roses, France
- 11:00 O-220 The human sperm reservoir - first proof and characterization by a new real-time imaging technique**
S. Koelle¹, I. Alba-Alejandre², B. Liedl³, S. Reese⁴, C.G. Stief⁵, M. Trottmann⁵
¹Health Sciences Centre, School of Medicine and Medical Science, Dublin, Ireland
²Department of Gynecology and Obstetrics, University of Munich, Munich, Germany
³Department of Urogenital Surgery, Clinics for Surgery, Munich, Germany
⁴Institute of Veterinary Anatomy Histology and Embryology, University of Munich, Munich, Germany
⁵Department of Urology, University of Munich, Munich, Germany

- 11:15 O-221 **Pre-IVF analysis of peripheral blood immune cell surface markers predicts pregnancy**
I. Granne¹, T. Child², I.L. Sargent¹, J.H. Southcombe¹
¹Oxford University, Nuffield Department of O&G, Oxford, United Kingdom
²Oxford Fertility Unit, Institute of Reproductive Sciences, Oxford, United Kingdom
- 11:30 O-222 **Endothelial progenitors and multipotent Oct4+ cells from bone marrow contribute to endometrial regeneration in an irradiated mice model**
C. Gil-Sanchis¹, I. Cervelló¹, S. Khurana², A. Faus¹, C.M. Verfaillie², C. Simón¹
¹Fundación IVI Instituto Universitario IVI/INCLIVA, Fundación IVI, Paterna (Valencia), Spain
²Stem Cell Biology and Embryology KU Leuven, Department of Development and Regeneration, Leuven, Belgium

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:45 Room B2 (Hall B0)

Session 57: Female reproductive physiology

Chairman: M. Benkhalifa (France)

Chairman: Eniko Berkes (Germany)

- 10:00 O-223 Amino acid concentration of human uterine fluid: effect of age, pathology and lifestyle**
A.J. Kermack¹, Y. Cheong², N. Brook³, N. Macklon², F.D. Houghton⁴
¹University of Southampton, Unit of Human Development & Health Faculty of Medicine University of Southampton/NIHR BRC in Nutrition Southampton, Southampton, United Kingdom
²University of Southampton, Unit of Human Development & Health Faculty of Medicine University of Southampton/Complete Fertility Centre Southampton, Southampton, United Kingdom
³University of Southampton, Complete Fertility Centre Southampton, Southampton, United Kingdom
⁴University of Southampton, Centre for Human Development Stem Cells & Regeneration/Unit of Human Development & Health Faculty of Medicine University of Southampton, Southampton, United Kingdom
- 10:15 O-224 Altered expression and localization of maternal proteins and changes in histone pattern after preovulatory and postovulatory ageing of mammalian oocytes**
T. Trapphoff¹, H. Demond², D. Dankert³, M. Heiligentag¹, I. Betzendahl¹, R. Grümmer³, B. Horsthemke², U. Eichenlaub-Ritter¹
¹University of Bielefeld, Microbiology and Genetechnology, Bielefeld, Germany
²University Duisburg-Essen, Institute of Human Genetics, Essen, Germany
³University Duisburg-Essen, Institute of Anatomy, Essen, Germany
- 10:30 O-225 Molecular signature of human cumulus cells reveals impact of female age on pathways that are crucial for oocyte development**
T. AL Edani¹, S. Assou², O. Ait-Ahmed¹, H. Dechaud³, S. Hamamah³
¹Institute for Research in Biotherapy, Inserm u1040 Montpellier 1 University, Montpellier, France
²Université MONTPELLIER1, Institute for Research in Biotherapy, Montpellier, France
³Université MONTPELLIER1 Institute for Research in Biotherapy Inserm u1040, ART-PGD Department CHU Montpellier, Montpellier, France
- 10:45 O-226 Relation between oocyte transcriptome and competence**
R. Borup¹, K. Lykke-Hartmann², C. Yding Andersen³, M.L. Grøndahl⁴
¹Rigshospitalet, Genomic Medicine, Copenhagen, Denmark
²Aarhus University, Biomedicine, Aarhus, Denmark
³Rigshospitalet, Laboratory of Reproductive Biology, Copenhagen, Denmark
⁴Herlev Hospital, Fertility Clinic, Copenhagen, Denmark

- 11:00 O-227 **SIRT1 acts in the mechanisms preventing oocyte damage from methylglyoxal, a reactive dicarbonyl increasing oxidative stress and AGEs (advanced glycation end-products)**
 G. Di Emidio¹, S. Falone¹, M. Vitti¹, M. Di Carlo¹, F. Amicarelli¹, C. Tatone¹
¹University of L'Aquila, Dept. of Health Life and Environmental Science, L'Aquila, Italy
- 11:15 O-228 **MicroRNAs upregulated in follicular fluid are carried by exosomes: new actors in the communication between oocyte and somatic follicular cells?**
 R. Battaglia¹, M. Santonocito¹, M. Vento², M.R. Guglielmino¹, J. Wahlgren³, M. Ragusa¹, D. Barbagallo¹, P. Borzi², S. Rizzari², M. Maugeri¹, P. Scollo², C. Tatone⁴, H. Valadi³, M. Purrello¹, C. Di Pietro¹
¹University of Catania, GF Ingrassia, Catania, Italy
²Azienda Ospedaliera Cannizzaro, Servizio di PMA, Catania, Italy
³University of Gothenburg, Rheumatology and Inflammation Research, Gothenburg, Sweden
⁴University of L'Aquila, Life Health and Environmental Sciences, L'Aquila, Italy
- 11:30 O-229 **Menstrual cycles affect vascular permeability due to an alteration of the endothelial glycocalyx**
 N.C. Eckert¹, N. Rogenhofer², I. Götzfried¹, T. Nguyen¹, J. Pagel¹, S. Kammerer¹, S. Hilferink¹, F. Klug¹, K.F. Hofmann-Kiefer¹, A. Chouker¹, M. Rehm¹, C. Thaler²
¹LMU, Anaesthesiology, München, Germany
²LMU, Gynecology and Obstetrics Division of Gynecological Endocrinology and Reproductive Medicine, München, Germany

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

10:00 - 11:45 Room 5

Session 58: Male and female fertility preservation

Chairman: H.M. Picton (United Kingdom)

Chairman: M. von Wolff (Switzerland)

10:00 O-230 Assessment of spermatogenesis recovery and sperm DNA damages after chemotherapy or radiotherapy for testicular cancer

N. Rives¹, M. Walschaerts², V. Duchesne³, K. Lebeche³, S. Hennebicq⁴, J. Saias⁵, F. Brugnon⁶, J. Auger⁷, I. Berthaut⁸, E. Szerman⁹, M. Daudin¹⁰, L. Bujan¹⁰

¹Rouen University Hosp. Charles Nicolle, Reproductive Biology Laboratory, Rouen Cedex, France

²Université de Toulouse UPS, Groupe de Recherche en Fertilité Humaine (EA 3694 Human Fertility Research Group) CECOS, Toulouse, France

³Rouen University Hosp. Charles Nicolle, Reproductive Biology Laboratory, Rouen Cedex, France

⁴Grenoble University Hospital, Laboratoire d'Aide à la Procréation-CECOS, Grenoble, France

⁵Marseille University Hospital, Laboratoire d'Aide à la Procréation-CECOS, Marseille, France

⁶Clermont-Ferrand University Hospital, Laboratoire d'Aide à la Procréation-CECOS, Clermont-Ferrand, France

⁷Paris Centre University Hospitals, Département d'Histologie-Embryologie Biologie de la Reproduction/CECOS Site Port-Royal, Paris, France

⁸Hôpital Tenon, Service d'Histologie Biologie de la Reproduction-CECOS, Paris, France

⁹CHU Côte de Nacre, Unité de BDR-CECOS Pole de Biologie, Caen, France

¹⁰Université de Toulouse UPS, Groupe de Recherche en Fertilité Humaine (EA 3694 Human Fertility Research Group) CECOS, Roue, France

10:15 O-231 Metastatic lesions in cortical ovarian fragments intended for fertility preservation: a new model system to evaluate tumour-purging protocols

H. Westphal¹, R. Peek¹, L. Bastings¹, C. Beerendonk¹, D. Braat¹

¹St Radboud University Nijmegen Medical Centre, 791 Obstetrics and Gynaecology, Nijmegen, The Netherlands

10:30 O-232 Fertility preservation of oocyte for women with ovarian and lung cancers: dysregulation in gene expression profile of cumulus cells

S. Assou¹, A. Ferrières², S. Bringer², A. Gala², V. Loup², H. Dechaud³, S. Hamamah³

¹Université MONTPELLIER1, Institute for Research in Biotherapy, Montpellier, France

²Université MONTPELLIER1, ART-PGD department CHU Montpellier, Montpellier, France

³Université MONTPELLIER1, Institute for Research in Biotherapy, ART-PGD department CHU Montpellier

- 10:45 O-233 When is it safe to conceive after lymphoma treatment?**
 S. Hennebicq¹, G. Martinez¹, M. Walschaerts², M. Lemitouard¹, N. Moinard², R. Borye¹, M. Daudin²,
 C. Thomas-Cadi¹, J. Auger³, I. Berthaut⁴, F. Brugnon⁵, J. Saias⁶, E. Szerman⁷, N. Rives⁸, L. Bujan²
¹CHU de Grenoble, Centre d'AMP-CECOS, Grenoble, France
²CHU de Toulouse, Cecos, Toulouse, France
³CHU de Paris-Cochin, Cecos, Paris, France
⁴CHU de Paris-Tenon, Cecos, Paris, France
⁵CHU de Clermont-Ferrand, Cecos, Clermont-Ferrand, France
⁶CHU de Marseille, Cecos, Marseille, France
⁷CHU de Caen, Cecos, Caen, France
⁸CHU de Rouen, Cecos, Rouen, France
- 11:00 O-234 Poly(A) tail length of maternal-effect gene mRNAs in oocytes is influenced by postovulatory aging**
 D. Dankert¹, H. Demond², T. Trapphoff³, M. Heiligentag³, U. Eichenlaub-Ritter³, B. Horsthemke²,
 R. Gruemmer¹
¹University Hospital Essen, Institute of Anatomy, Essen, Germany
²University Hospital Essen, Institute of Human Genetics, Essen, Germany
³University of Bielefeld, Institute of Gene Technology/Microbiology, Bielefeld, Germany
- 11:15 O-235 Gonadal effects of acute leukaemia treatment in prepubertal girls**
 E. Novella-Maestre¹, B. Rodriguez-Iglesias², S. Herraiz³, A. Verdeguer⁴, A. Pellicer⁵, M.M. Andrés⁴
¹Hospital Universitario La Fe, Genetics and Preimplantational Diagnosis, Valencia, Spain
²Universidad de Valencia, Pediatrics Obstetrics and Gynaecology, Valencia, Spain
³IIS-La Fe, Reproductive Medicine, Valencia, Spain
⁴Hospital Universitario y Politécnico La Fe, Pediatric Oncology, Valencia, Spain
⁵Hospital Universitario y Politécnico La Fe, Gynaecology and Human Reproduction, Valencia, Spain
- 11:30 O-236 Counselling performance about fertility preservation in young women facing cancer: a prospective multicentric evaluation of patient's concerns and experiences in 146 women**
 D. Denschlag¹, D. Giesecke¹, A. Germeyer², F. Nawroth³, B. Lawrenz⁴, M. Henes⁴, S.T. Friebe⁵,
 A. Rohde⁶, M. Von Wolff⁷
¹Hochtaunus-Kliniken gGmbH, Gynecology, BAD HOMBURG, Germany
²Universitätsklinik Heidelberg, Gynäkologische Endokrinologie und Fertilitätsstörungen, Heidelberg, Germany
³Amedes Experts Hamburg, Endokrinologie und Reproduktionsmedizin, Hamburg, Germany
⁴Universitätsklinik Tübingen, Gynecology, Tübingen, Germany
⁵Universitätsklinik Freiburg, Gynecology, Freiburg, Germany
⁶Universitätsklinik Bonn, Gynäkologische Psychosomatik, Bonn, Germany
⁷Department of Reproductive Endocrinology, Inselspital, University of Bern

WEDNESDAY 2 JULY 2014

INVITED SESSION

12:00 - 13:00 Room 14

Session 59: Does delayed transfer give better results (freeze all policy)?

Chairman: C. Miguel Angel (Spain)

Chairman: E. Van den Abbeel (Belgium)

12:00 0-237 **Freeze all and transfer later policy-is endometrium more receptive without ovarian stimulation?**

A. Pinborg¹

¹University of Copenhagen Hvidovre Hospital, Department of Obstetrics and Gynaecology, Hvidovre, Denmark

12:30 0-238 **Endometrial receptivity: lessons learned form oocyte donation cycles-the effect of ovarian stimulation**

R. Paulson¹

¹University of Southern California, Obstetrics and Gynecology, Los Angeles, U.S.A.

WEDNESDAY 2 JULY 2014

INVITED SESSION

12:00 - 13:00 Room 1

Session 60: Society of Reproductive Surgeons Symposium - "Prevention and management of laparoscopic complications"

Chairman: A. Watrelot (France)

Chairman: G. Grimbizis (Greece)

12:00 O-239 Avoiding neurologic injuries due to patient positioning; safe trocar entry; complications related to robotic surgery

T. Falcone¹

¹*The Cleveland Clinic Foundation, Reproductive Endocrinology A81, Cleveland Ohio, U.S.A.*

12:30 O-240 Bowel and urologic injuries; complications from morcellation

J.M. Goldberg¹

¹*The Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.*

WEDNESDAY 2 JULY 2014

INVITED SESSION

12:00 - 13:30 Room 5

Session 61: Infertility trials: Roadmap to success

Chairman: A.P. Ferraretti (Italy)

Chairman: C. Bergh (Sweden)

- 12:00 0-241 **Clinical trials in infertility with traditional Chinese medicine: lessons in infrastructure and team building**
X. Wu¹
¹Heilongjiang University of Chinese Medicine, OB GY, Harbin, China
- 12:20 0-242 **Resource intensive multicenter trials in infertility: Strengths and weaknesses**
R. Legro¹
¹The Pennsylvania State University College of Medicine, Obstetrics and Gynecology, Hershey, U.S.A.
- 12:40 0-243 **Pragmatic multicenter clinical trials in infertility: Streamlining the trial enterprise**
B.W. Mol¹
¹Center for Reproductive Medicine, Amsterdam, The Netherlands
- 13:00 0-244 **Clinical trials and treatment of infertility in low resource settings**
S. Van der Poel¹
¹World Health Organisation, RHR/HRP, Geneva 27, Switzerland
- 13:20 **Discussion**

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room 14

Session 62: A look inside the oocyte

Chairman: K. Lundin (Sweden)

Chairman: F. Geithövel (Germany)

- 14:00 O-245 Metaphase II spindle and cortical actin characteristics in morphologically normal and dysmorphic human oocytes**
M. Dal Canto¹, M.C. Guglielmo¹, M. Sottocornola¹, M. Merola¹, C. Brigante¹, M. Mignini Renzini¹, E. De Ponti², G. Coticchio¹, R. Fadini¹
¹Istituti Clinici Zucchi, Biogenesi Reproductive Medicine Centre, Monza MB, Italy
²San Gerardo Hospital, Department of Medical Physics, Monza MB, Italy
- 14:15 O-246 The effect of smooth endoplasmic reticulum aggregates in human oocytes on calcium signalling and the significance for oocyte collection cycle outcome**
S. De Gheselle¹, D. Nikiforaki¹, L. Verpoest¹, I. De Croo¹, Y. LU¹, B. Heindryckx¹, E. Van den Abbeel¹, P. De Sutter¹
¹University Hospital Ghent, Department for Reproductive Medicine, Ghent, Belgium
- 14:30 O-247 Meiotic spindle and cortical actin configuration in human oocytes following vitrification using open and closed system**
M.C. Guglielmo¹, G. Coticchio¹, D. Turchi¹, M. Lain¹, C. Brigante¹, M. Mignini Renzini¹, E. De Ponti², M. Dal Canto¹, R. Fadini¹
¹Biogenesi Reproductive Medicine Centre, Istituti Clinici Zucchi, Monza (MB), Italy
²San Gerardo Hospital, Department of Medical Physics, Monza (MB), Italy
- 14:45 O-248 Global DNA methylation in in vitro produced bovine zygotes is affected by the oxygen concentration during in vitro maturation**
C. Wrenzycki¹, H. Stinshoff¹, J. Bennemann²
¹Clinic for Veterinary Obstetrics Gynecology and Andrology, Molecular Reproductive Medicine, Giessen, Germany
²Clinic for Cattle, Reproductive Medicine Unit, Hannover, Germany
- 15:00 O-249 Prostaglandins from the prostate gland attach to the sperm and transfer DNA to the oocyte at fertilization**
A. Stavreus-Evers¹, G. Ronqvist², G.K. Ronquist², A. Larsson², J. Inzunza³
¹Uppsala University, Uppsala University Hospital Dept. of Women's and Children's Health, Uppsala, Sweden
²Uppsala University, Department of medical sciences, Uppsala, Sweden
³Karolinska Institutet, Department of biosciences and nutrition, Uppsala, Sweden

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room 1

Session 63: Basic endocrinology

Chairman: T. Piltonen (Finland)

Chairman: K. van der Ven (Germany)

- 14:00 O-250 Gonadotropin hyperstimulation leads to an influx of proinflammatory cells into the mouse ovary and to the expression of proangiogenic genes**
O. Fainaru¹, S. Hantisteanu¹, G. Paz¹, M. Hallak¹
¹Hillel Yaffe Medical Center, Obstetrics and Gynecology IVF Unit, Hadera, Israel
- 14:15 O-251 Effect of estetrol administration on brain and serum allopregnanolone in intact and ovariectomised rats**
P. Drakopoulos¹, N. Pluchino¹, E. Casarosa², P. Petignat¹, A.R. Genazzani²
¹University Hospitals of Geneva, obstetrics and gynecology, Geneva, Switzerland
²University Hospital of Pisa, obstetrics and gynecology, Pisa, Italy
- 14:30 O-252 The effects of testosterone on the functional integrity of the human oviduct**
K. Duloher¹, M. Trottmann², B. Liedl³, I. Alba-Alejandre⁴, S. Reese⁵, S. Kölle¹
¹University College Dublin, School of Medicine & Medical Science, Dublin, Ireland
²University of Munich, Department of Urology, Munich, Germany
³Clinics for Surgery Munich-Bogenhausen, Department of Urogenital Surgery, Munich, Germany
⁴University of Munich, Department of Gynecology, Munich, Germany
⁵University of Munich, Institute of Veterinary Anatomy, Munich, Germany
- 14:45 O-253 The hypothalamic hormone neurokinin B: a novel therapeutic target for menopausal hot flushes**
A.N. Comminos¹, C.N. Jayasena¹, E. Stefanopoulou², A. Buckley¹, J. Mogford¹, C. Izzi-Engbeaya¹, R. Ratnasabapathy¹, S. Narayanaswamy¹, M.A. Ghati¹, S.R. Bloom¹, M. Hunter², W.S. Dhillo¹
¹Imperial College London, Investigative Medicine, London, United Kingdom
²King's College London, Institute of Psychiatry, London, United Kingdom
- 15:00 O-254 Increased incidence of mitochondrial cytochrome C- oxidase 1 gene mutations in patients with primary ovarian insufficiency**
X. Zhen¹, J. Qiao¹
¹Peking University Third Hospital, Obstetric and Gynecology, Beijing, China

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room 13

Session 64: How to get the most out of your embryos

Chairman: Chairman to be announced

Chairman: Chairman to be announced

- 14:00 O-255 Effect of the quality of the additional embryos on the pregnancy and multiple pregnancy rates in IVF cycles: predictions using mathematical formulae and nomograms**
R. Matorras¹, A. Exposito², R. Mendoza², S. Quevedo², O. Gomez-Picado², Z. Larrategui³, F. Quintana³, F. Matorras⁴
¹Human Reproduction Unit Cruces University Hospital, Department of Obstetrics and Gynaecology, Basque Country University, Vizcaya, Spain
²BioCruces Health Research Institute, Cruces University Hospital, Vizcaya, Spain
³Instituto Valenciano de Infertilidad, IVI, Vizcaya, Spain
⁴Faculty of Sciences, University of Cantabria, Cantabria, Spain
- 14:15 O-256 Potential of single blastocyst transfer in combination with vitrification of surplus blastocysts in good prognosis patients**
I. De Croo¹, K. Tilleman¹, S. De Gheselle¹, A. Van De Velde¹, F. Vandekerckhove¹, J. Gerris¹, E. Van den Abbeel¹, P. De Sutter¹
¹Ghent University Hospital, Centre for Reproductive Medicine, Ghent, Belgium
- 14:30 O-257 Selection of embryos on day 3 by time-lapse technology or on day 5? The paternal factor brings the answer**
A. Neyer¹, M. Zintz¹, A. Stecher¹, B. Wirleitner¹, M. Bach¹, M. Murtinger¹, N.H. Zech¹, P. Vanderzwalmen²
¹IVF-Centers Prof. Zech, IVF-Centers Prof. Zech-Bregenz, Bregenz, Austria
²Centre Hospitalier Inter Régional Edith Cavell (CHIREC), Braine-l'Alleud, Brussels, Belgium
- 14:45 O-258 What is the total pregnancy potential per oocyte aspiration after assisted reproduction - in how many cycles are biological competent oocytes available?**
J.G. Lemmen¹, N.M. Rodriguez¹, L. Andreasen¹, A. Loft¹, S. Ziebe¹
¹Copenhagen University Hospital, Section 4071 Fertility Clinic, Copenhagen, Denmark
- 15:00 O-259 Cumulative live birth rates (CLBR) according to the number of vitrified oocytes consumed in an ovum donation (OD)/ egg-banking program**
A. Cobo¹, N. Garrido², A. Coello³, D. Castello³, A. Pellicer⁴, J. Remohí⁴
¹Instituto Valenciano de Infertilidad, IVF- Cryolaboratory, Valencia, Spain
²Instituto Valenciano de Infertilidad, Andrology lab, Valencia, Spain
³Instituto Valenciano de Infertilidad, IVF-Cryobiology, Valencia, Spain
⁴Instituto Valenciano de Infertilidad, Ob.Gyn., Valencia, Spain

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room B1 (Hall B0)

Session 65: Origin and diagnosis of meiotic errors

Chairman: D. Wells (United Kingdom)

Chairman: J.E.J. Smitz (Belgium)

- 14:00 O-260 Age-related decrease of meiotic cohesins in human oocytes**
H. Kurahashi¹, M. Tsutsumi¹, R. Fujiwara¹, H. Nishizawa², H. Kogo¹, H. Inagaki¹, T. Ohye¹, T. Fujii²
¹ICMS Fujita Health University, Division of Molecular Genetics, Toyoake Aichi, Japan
²Fujita Health University School of Medicine, Department of Obstetrics and Gynecology, Toyoake Aichi, Japan
- 14:15 O-261 First reporting of aneuploidy rates in preimplantation embryos from fertile couples undergoing Preimplantation Genetic Diagnosis (PGD) for single gene disorders**
L. Xanthopoulos¹, T. McWilliams², J. Klavitter², T. Gordon¹
¹Genesis Genetics, Genesis Genetics London, London, United Kingdom
²Genesis Genetics, Genesis Genetics Michigan, Michigan, U.S.A.
- 14:30 O-262 Single nucleotide polymorphism (SNP) genotyping and karyomapping of trophoctoderm biopsies for the investigation of recombination events in the human preimplantation embryo**
M. Konstantinidis¹, R. Prates¹, N. Goodall¹, J. Fischer¹, P. Colls¹, S.K.A. Natesan², A.H. Handyside², S. Munne¹
¹Reprogenetics LLC, Livingston, New Jersey, U.S.A.
²Illumina, Fulbourn, Cambridge, United Kingdom
- 14:45 O-263 From polar bodies to blastocysts: meiotic errors and chromosome segregation**
A. Pomante¹, M.C. Magli², A. Crivello¹, G. Cafueri², M. Valerio², A.P. Ferraretti³, L. Gianaroli³
¹S.I.S.M.E.R. s.r.l., Preimplantation Genetic Diagnosis, Bologna, Italy
²S.I.S.M.E.R. s.r.l., Embriologist, Bologna, Italy
³S.I.S.M.E.R. s.r.l., Gynecologist, Bologna, Italy
- 15:00 O-264 NGS vs. aCGH for the detection of segmental aneuploidies in human blastocysts**
M. Vera¹, C.E. Michel², A. Mercader³, F. Kokocinski², L. Rodrigo¹, A.J. Bladon², E. Mateu¹, N. Al-Asmar⁴, D. Blesa¹, C. Simón¹, C. Rubio¹
¹IVIOMICS S.L., Paterna, Spain
²Illumina Inc., Cambridge, United Kingdom
³Instituto Valenciano de Infertilidad (IVI), Valencia, Spain
⁴viGen, Miami, U.S.A.

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room B2 (Hall B0)

Session 66: Female infertility: Diagnosis and treatment

Chairman: E. Tavmergen (Turkey)

Chairman: Hans-Ulrich Pauer (Germany)

- 14:00 O-265 Does extending luteal support with progesterone beyond positive pregnancy test following IVF treatment improve pregnancy outcome?**
R.T. Russell¹, M. Gazvani¹, C.R. Kingsland¹, Z. Alfirevic², M. Turner², Y. Sajjad³, P. Hardy⁴, J. Townend⁴
¹Liverpool Women's NHS Foundation Trust, Hewitt Fertility Centre, Liverpool, United Kingdom
²University of Liverpool, Department of Women's and Children's Health, Liverpool, United Kingdom
³Central Manchester University Hospitals, Department of Reproductive Medicine, Manchester, United Kingdom
⁴University of Oxford, National Perinatal Epidemiology Unit, Oxford, United Kingdom
- 14:15 O-266 The effectiveness of an IUI program compared to no treatment. A matched cohort study**
I. Scholten¹, M. Van Zijl², I.M. Custers¹, M. Brandes³, J. Gianotten⁴, P.J.Q. Van der Linden⁵, P.G.A. Hompes⁶, B.W.J. Mol⁷
¹Academic Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
²Catharina Ziekenhuis, Department of Obstetrics and Gynaecologie, Eindhoven, The Netherlands
³Jeroen Bosch Ziekenhuis, Department of Obstetrics and Gynaecology, 's Hertogenbosch, The Netherlands
⁴Kennemer Gasthuis, Department of Obstetrics and Gynaecology, Haarlem, The Netherlands
⁵Deventer Ziekenhuis, Department of Obstetrics and Gynaecology, Deventer, The Netherlands
⁶Vrije Universiteit Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
⁷School of Paediatrics and Reproductive Health, Department of Obstetrics and Gynaecology, Adelaide, Australia
- 14:30 O-267 Singleton pregnancy after in-vitro fertilization and factors influencing abnormal placentation**
S. Korosec¹, H. Ban Frangez¹, I. Verdenik¹, U. Kladnik², V. Kotar², I. Virant Klun¹, E. Bokal Vrtacnik¹
¹University Medical Centre Ljubljana, Department of Obstetrics and Gynecology, Ljubljana, Slovenia
²University of Ljubljana, Medical Faculty, Ljubljana, Slovenia
- 14:45 O-268 Predicting criteria for freeze all policy in high-risk patients after GnRH agonist triggering combined with low dose hCG**
A. Ersahin¹, L. Kupelioglu¹, J. Ozcan¹, S. Ersahin¹, O. Dulger¹, K. Savan¹
¹Istanbul Medicalpark Bahçelievler Hospital, ART Center, Istanbul, Turkey

15:00 O-269 **Self-operated endo-vaginal tele-monitoring versus traditional monitoring of ovarian stimulation in ART: prospective randomized trial**

J. Gerris¹, F. Vandekerckhove¹, A. Delvigne², N. Dhont³, B. Madoc⁴, J. Neyskens⁴, M. Buyle⁴, E. Deschepper⁵, L. Pil⁶, W. Verpoest⁷, D. Debacquer⁸, L. Annemans⁶, P. De Sutter⁹

¹University Hospital Ghent, Centre for Reproductive Medicine - Dept. of OB/GYN, Gent, Belgium

²Clinique St Vincent, Centre for Reproductive Medicine - Dept. of OB/GYN, Liège, Belgium

³Ziekenhuis Oost-Limburg, Centre for Reproductive Medicine - Dept. of OB/GYN, Genk, Belgium

⁴University Hospital Gent, Centre for Reproductive Medicine - Dept. of OB/GYN, Gent, Belgium

⁵University Hospital Gent, Unit for Biostatistics, Gent, Belgium

⁶University Hospital Gent, Department of Health-economics, Gent, Belgium

⁷University Hospital VUB, Centre for Reproductive Medicine, Brussels, Belgium

⁸University Hospital Gent, Department of Public Health, Gent, Belgium

⁹University Hospital Gent, Centre for Reproductive Medicine, Gent, Belgium

WEDNESDAY 2 JULY 2014

SELECTED ORAL COMMUNICATION SESSION

14:00 - 15:15 Room 5

Session 67: Genetics in andrology

Chairman: Chairman to be announced

Chairman: B. Horsthemke (Germany)

- 14:00 O-270 Exome sequencing in TESE children: a pilot study**
M. De Vries¹, M. Hessel¹, K. Fleischer¹, D.D.M. Braat¹, L. Ramos¹, L.E.L.M. Vissers², J.A. Veltman²
¹Radboud University Medical Centre, Obstetrics and Gynaecology, Nijmegen, The Netherlands
²Radboud University Medical Centre, Human Genetics, Nijmegen, The Netherlands
- 14:15 O-271 Male reproductive function is genetically determined by polymorphisms in fshb and FSHR genes**
A. Ferlin¹, C. Vinanzi¹, F. Ganz¹, M. Pengo¹, M. Menegazzo¹, C. Foresta¹
¹University of Padova, Medicine, Padova, Italy
- 14:30 O-272 Does the male factor influence in the embryo aneuploidy rate**
J.A. Ortiz¹, R. Morales¹, H. Blanca², B. Lledó¹, A. Fabregat¹, J. Guerrero¹, J. LLácer³, R. Bernabeu³
¹Instituto Bernabeu Biotech, Biología Molecular y Genética, Alicante, Spain
²Instituto Bernabeu, FIV, Alicante, Spain
³Instituto Bernabeu, Medicina Reproductiva, Alicante, Spain
- 14:45 O-273 Impairment of DAZ-AZFc gene expression in human male germ cells of men with severe hypospermatogenesis**
P.H. Vogt¹, B. Bug¹, J. Zimmer¹, U. Bender¹, T. Strowitzki²
¹Heidelberg University, Reproduction Genetics Unit of Dept. of Gynaecological Endo. & Repro. Medicine, Heidelberg, Germany
²Heidelberg University, Dept. of Gynaecological Endo. & Repro. Medicine, Heidelberg, Germany
- 15:00 O-274 β -defensin 126 gene (DEFB126) alteration is associated with male infertility and assisted reproduction technique outcomes (ART)**
M. Sabbaghian¹, A. Mohseni Meybodi², M. Rostami Chayjan², M. Abedini Marghzari², M. Hassani¹, M. Alikhani³, M. Totonchi², U. Asadpour², P. Eftekhari-Yazdi⁴, R. Omani Samani⁵, H. Gourabi², M.A. Sadighi Gilani¹
¹Department of Andrology at Reproductive Biomedicine Research Center, Royan Institute for Reproductive Biomedicine ACECR, Tehran, Iran
²Department of Genetics at Reproductive Biomedicine Research Center, Royan Institute for Reproductive Biomedicine ACECR, Tehran, Iran
³Department of Molecular Systems Biology at Cell Science Research Center, Royan Institute for Stem Cell Biology and Technology ACECR, Tehran, Iran
⁴Department of Embryology at Reproductive Biomedicine Research Center, Royan Institute for Reproductive Biomedicine ACECR, Tehran, Iran
⁵Department of Epidemiology and Reproductive Health at Royan Institute for Reproductive Biomedicine, Royan Institute for Reproductive Biomedicine ACECR, Tehran, Iran



POSTERS

We will stage a digital and paper "poster" exhibition. Both poster exhibitions will be in the lobby of the first floor.

The electronic posters will be available online and can be viewed on a number of workstations in the poster area. A high performance search engine will allow searching by authors, poster titles, full text, keyword search and many more criteria. You will enjoy the ability to e-mail certain posters of your interest to your home or work computer (in PDF format) or to colleague and other participants. In addition, visitors of the "E-poster area" will have the opportunity to view last year's poster presentation as well.

40 posters have been pre-selected for discussion and these will be presented as paper posters.

Monday, 30 June, from 13:00-14:00

- Andrology
- Early pregnancy
- Embryology
- Endometriosis/endometrium
- Female (in)fertility
- Male and female fertility preservation

Tuesday, 1 July, from 13:00-14:00

- Psychology and counselling
- Reproductive (epi)genetics
- Reproductive endocrinology
- Reproductive epidemiology and health economy
- Safety and quality of ART
- Translational research

Andrology

- P-001** **Single cell telomere length assay of spermatozoa showed positive correlation in men's age, no significant difference in sperm morphology and considerable variation between sperm populations**
D. Antunes¹, K. Kalmbach², F. Wang², M. Seth-Smith², Y. Kramer², F. Kohlrausch¹, D. Keefe²
¹Fluminense Federal University, Department of Pathology, Niteroi, Brazil
²New York University, Department of Obstetrics and Gynecology, New York, U.S.A.
- P-002** **Increased incidence of aneuploidy in severe oligozoospermia samples from carriers of chromosomal rearrangements**
A. Crippa¹, F. Muzzonigro¹, C. Magli², A. Crivello³, G. Buonomo², E. Gismano², A.P. Ferraretti⁴, L. Gianaroli⁴
¹S.I.S.M.E.R. s.r.l., Andrology, Bologna, Italy
²S.I.S.M.E.R. s.r.l., Embryologist, Bologna, Italy
³S.I.S.M.E.R. s.r.l., Preimplantation Genetic Diagnosis, Bologna, Italy
⁴S.I.S.M.E.R. s.r.l., Gynecologist, Bologna, Italy
- P-003** **Prevalence of and characteristics of metabolic syndrome in caucasian-european men presenting for secondary couple's infertility - results of a cross-sectional survey**
E. Ventimiglia¹, P. Capogrosso¹, A. Serino¹, M. Colicchia¹, L. Boeri¹, C. Regina¹, G. Castagna¹, L. Villa¹, F. Castiglione¹, R. Matloob¹, R. Damiano², F. Montorsi¹, A. Salonia¹
¹University Vita-Salute San Raffaele, Dept. of Urology, Milan, Italy
²Magna Graecia University, Research Doctorate Program in Urology, Catanzaro, Italy
- P-004** **Age blunts clinically-significant differences between men with primary or secondary infertility - results of a real-life cross-sectional study**
P. Capogrosso¹, E. Ventimiglia¹, M. Colicchia¹, A. Serino¹, L. Boeri¹, G. Castagna¹, F. Castiglione¹, L. Villa¹, A. Russo¹, G. La Croce¹, R. Damiano², F. Montorsi³, A. Salonia³
¹University Vita-Salute San Raffaele, Urology, Milan, Italy
²Magna Graecia University, Urology, Catanzaro, Italy
³University Vita -Salute San Raffaele, Urology, Milan, Italy
- P-005** **Length of infertility affects seminal parameters - findings of a cross-sectional survey in caucasian-european men presenting for primary couple's infertility**
M. Colicchia¹, E. Ventimiglia¹, P. Capogrosso¹, A. Serino¹, L. Boeri¹, C. Regina¹, G. Castagna¹, L. Villa¹, F. Castiglione¹, R. Matloob¹, R. Damiano², F. Montorsi¹, A. Salonia¹
¹University Vita-Salute San Raffaele, Dept. of Urology, Milan, Italy
²Magna Graecia University, Research Doctorate Program in Urology, Catanzaro, Italy
- P-006** **Low amounts of mitochondrial reactive oxygen species define human sperm quality**
M. Marques¹, A.P. Sousa², A. Paiva³, T. Almeida-Santos², J. Ramalho-Santos¹
¹CNC- Center for Neuroscience and Cell Biology University of Coimbra, Biology of Reproduction and Stem Cell Group, Coimbra, Portugal
²University Hospitals of Coimbra, Human Reproduction Service, Coimbra, Portugal
³Portuguese Institute for Blood and Transplantation, Coimbra, Coimbra, Portugal

- P-007** **Assessment of semen quality by flow cytometry: a new concept of advanced semen analysis**
R. Lafuente¹, G. López¹, J. Canals¹, D. Rey¹, E. Carballo¹, M. Brassesco¹
¹*CIRH. ANACER, Andrology Lab, Barcelona, Spain*
- P-008** **Detection of polymorphic elements in seminal fluid: potential regulators of maternal anti-paternal immune response**
K. Vardaki¹, S. Tsagdi¹, S. Kourletakis¹, I. Athanassakis¹
¹*University of Crete, Biology, Heraklion, Greece*
- P-009** **Prevalence of and impact of health-significant comorbidities in caucasian-european men presenting for primary couple's infertility - results of a cross-sectional survey**
L. Boeri¹, M. Colicchia¹, E. Ventimiglia¹, P. Capogrosso¹, A. Serino¹, L. Villa¹, G. Castagna¹, A. Russo¹, F. Castiglione¹, G. La Croce¹, G. La Croce¹, R. Matloob¹, R. Damiano², F. Montorsi¹, A. Salonia¹
¹*San Raffaele Scientific Institute, Urology, Milano, Italy*
²*Magna Graecia University, Research Doctorate Program in Urology, Milano, Italy*
- P-010** **Cryoprotectant-free vitrification versus conventional cryopreservation: a comparison of freezing methods on post-thaw sperm quality**
M. Slabbert¹, C. Huyser¹, S.S. Du Plessis²
¹*Steve Biko Academic Hospital - University of Pretoria, Department of Obstetrics and Gynaecology Reproductive Biology Laboratory, Pretoria, South Africa*
²*Stellenbosch University Tygerberg, Division of Medical Physiology, Cape Town, South Africa*
- P-011** **Are urinary phthalate levels in men related to semen quality and embryo development after medically assisted reproduction?**
J. Knez¹, B. Pregl Breznik¹, B. Kovacic¹, M. Reljic¹, V. Vlaisavljevic¹
¹*University Medical Centre Maribor, Department of Reproductive Medicine and Gynaecologic Endocrinology, Maribor, Slovenia*
- P-012** **Sperm mitochondrial function in men with normozoospermia and asthenozoospermia**
M. Kralickova¹, M. Cedikova¹, N.H. Zech², J. Kuncova³
¹*Charles University The Faculty of Medicine, Dept. of Histology and Embryology and Biomedical Centre, Plzen, Czech Republic*
²*IVF Centers - Prof. Zech, Institute of Reproductive Medicine and Endocrinology, Plzen, Czech Republic*
³*Charles University The Faculty of Medicine, Dept. of Physiology, Plzen, Czech Republic*
- P-013** **Polyninylpyrrolidone versus hyaluronic acid: which is more efficient in icsi procedures with sibling oocytes - a prospective study**
P. Valero¹, M. Quera², B. Monge¹, J. Serna¹, E. Gil¹, R. Herrero¹
¹*Instituto Valenciano de la Infertilidad (IVI), Laboratory, Zaragoza, Spain*
²*Instituto Valenciano de la Infertilidad (IVI), Laboratory, Barcelona, Spain*
- P-014** **Thalassaemia major, intermedia and sickle cell disease patients have higher incidence of sperm DNA damage compared with infertile men without haemoglobinopathies and controls**
M. Badashian¹, B. Smith¹, E. Williamson¹, R. Bajoria¹, R. Chatterjee¹
¹*University College London, Institute for Women's Health, London, United Kingdom*

- P-015** **Parenting decision-making and motivations of couples confronted with NOA and failed TESE-ICSI**
P.A.L. Kop¹, E.A.F. Dancet¹, S. Hendriks¹, M. Hessel², A. Meissner³, F. Van der Veen³, S. Repping³,
M.H. Mochtar³
¹Academic Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
²Radboud University Nijmegen, Obstetrics and Gynaecology, Nijmegen, The Netherlands
³Academical Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
- P-016** **Chemiotaxis assays for human sperm on microfluidic devices**
B. Dale¹, S. Torino², N. Ciccarelli¹, M.A. Ferrara², R. Dale¹, L. Di Matteo³, R. Talevi⁴, G. Coppola²
¹Centro Fecondazione Assistita, Biology of Reproduction, Napoli, Italy
²National Research Council, Microelectronics and Microsystems, Napoli, Italy
³SUN Seconda Università di Napoli, Sperimantal Medicine, Napoli, Italy
⁴University Federico II, Structural and Funtional Biology, Napoli, Italy
- P-017** **Angiotensin II (AngII) regulates human testicular peritubular cell functions via AT1 receptor**
H. Welter¹, A. Huber¹, S. Lauf¹, D. Einwang¹, J.U. Schwarzer², F.M. Köhn³, A. Mayerhofer¹
¹Anatomy III - Cell Biology, Ludwig Maximilian University, Munich, Germany
²Andrology Center, Munich, Munich, Germany
³Andrologicum, Munich, Munich, Germany
- P-018** **Variations in sperm fatty acids profiles after capacitation process in normal and pathological semen samples**
L. Crisol¹, F. Aspichueta², R. Matorras³, A. Expósito³, M.B. Ruiz-Larrea⁴, F. Quintana⁵, M.A. Guembe¹,
J.I. Ruiz-Sanz⁴
¹Hospital Donostia, Assisted Reproduction Unit. Obstetric and Gynecology Department, San Sebastián, Spain
²IVI-Bilbao, In Vitro Fertilization Laboratory, Leioa Bizkaia, Spain
³Hospital de Cruces, Human Reproduction Unit, Barakaldo Bizkaia, Spain
⁴University of the Basque Country, Human Physiology Department, Leioa Bizkaia, Spain
⁵IVI-Bilbao, Andrology Laboratory, Leioa Bizkaia, Spain
- P-019** **Effect of sperm treatment with myoinositol on in vitro fertilization outcomes: a prospective, randomized sibling-oocyte study**
P. Rubino¹, G. Carlomagno², S. Chigioni¹, G. Galofre B.¹, A. Quagliariello¹, A. Vucetich¹, L. Arcaini¹,
A. Baglioni¹
¹Tecnolab s.r.l., Medicina della Riproduzione, Milano, Italy
²Lo.Li.Pharma s.r.l., Ricerca e Sviluppo, Roma, Italy
- P-020** **Comparison of prestained Cell-Vu® slides and Diff-Quik® staining for assessment of normal/ abnormal sperm morphology**
L. Nowak¹, L. Hyslop¹, J. Fenwick¹, S. Byerley¹, M. Herbert², N. Prathalingam¹
¹Newcastle Fertility Centre, International Centre for Life, Newcastle upon Tyne, United Kingdom
²Institute for Ageing and Health, Newcastle University, Newcastle upon Tyne, United Kingdom

- P-021** **Stem cell based therapies for non-obstructive azoospermia: key treatment characteristics according to infertile couples**
S. Hendriks¹, M. Hessel², M.H. Mochtar¹, A. Meissner¹, F. Van der Veen¹, S. Repping¹, E.A.F. Dancet¹
¹Academic Medical Center, Center for Reproductive Medicine, Amsterdam, The Netherlands
²Academic Medical Center St Radboud, Obstetrics and Gynecology, Nijmegen, The Netherlands
- P-022** **Sperm conservation: comparative evaluation of storage in dry and liquid phases of liquid nitrogen**
S. Mestres¹, H. Pons-Rejraji², S. Vorilhon¹, C. Bouche¹, J.L. Pouly³, A.S. Greneau⁴, L. Bouillet⁴,
J. Drevet⁵, L. Janny², F. Brugnon²
¹CHU Clermont-Ferrand, Biologie de la reproduction, Clermont-Ferrand, France
²CHU Clermont-Ferrand Université d'Auvergne UMR CNRS 6293-INSERM U1103, Biologie de la reproduction, Clermont-Ferrand, France
³CHU Clermont-Ferrand Université d'Auvergne, Médecine de la reproduction, Clermont-Ferrand, France
⁴CHU Clermont-Ferrand, Médecine de la reproduction, Clermont-Ferrand, France
⁵Université Blaise Pascal, Gred, Clermont-Ferrand, France
- P-023** **Is Liver X Receptor alpha1 interesting to predict successful testicular sperm recovery in men with hypospermatogenesis?**
C. Chauffour¹, C. Rondanino², L. Ouchchane³, B. Sion⁴, G. Marceau⁵, H. Pons-Rejraji¹, J.L. Pouly⁶,
P. Dechelotte⁷, L. Janny¹, J.M. Lobaccaro⁸, D.H. Volle⁸, F. Brugnon¹
¹CHU Clermont Ferrand Université d'Auvergne UMR CNRS 6293-INSERM U1103, Biologie de la reproduction, Clermont Ferrand, France
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³CHU Clermont Ferrand Université d'Auvergne UMR CNRS 6284, Biostatistiques, Clermont Ferrand, France
⁴Université d'Auvergne INSERM U1107, NEURO-DOL, Clermont Ferrand, France
⁵CHU Clermont Ferrand Université d'Auvergne UMR CNRS 6293-INSERM U1103, Biochimie, Clermont Ferrand, France
⁶CHU Clermont Ferrand Université d'Auvergne, Médecine de la reproduction, Clermont Ferrand, France
⁷CHU Clermont Ferrand Université d'Auvergne, Anatomie pathologique, Clermont Ferrand, France
⁸Université Blaise Pascal UMR CNRS 6293-INSERM U1103, Gred, Clermont Ferrand, France
- P-024** **Visible light promote sperm capacitation via reactive oxygen production and epidermal growth factor receptor activation**
H. Breitbart¹, S. Shahar¹
¹Bar - Ilan University, Life Sciences, Ramat Gan, Israel
- P-025** **Genetic study of Genes in CREM-signaling pathway in non-obstructive azoospermia and testicular CREM expression in maturation arrest azoospermia patients**
B. Song¹, X.J. He¹, W.D. Du², Y. Zhang², F.S. Zhou³, X.J. Zhang³, P. Zhou¹, Z.L. Wei¹, X. Zha¹, Y.X. Cao¹
¹The 1st Affiliated Hospital of AMHU, Reproductive Medicine Center, Hefei, China
²Anhui Medical University, Department of Biology, Hefei, China
³Anhui Medical University, State Key Laboratory Incubation Base of Dermatology Ministry of National Science and Technology, Hefei, China
- P-026** **DNA fragmentation index and its association with the parameters of the conventional semen analysis**
E. Evgeni¹, E. Tsakos², B. Asimakopoulos¹
¹University of Thrace, Department of Medicine, Alexandroupolis, Greece
²Embryoclinic, Embryology laboratory, Thessaloniki, Greece

P-027 **Differences of seminal plasma proteome in normospermia and nonobstructive azoospermia men**
I. Crha¹, H. Konecna², J. Zakova¹, J. Bursikova², Z. Zdrahal², P. Ventruba¹, E. Lousova¹

¹Masaryk University Brno, Department of Gynecology and Obstetrics, Brno, Czech Republic

²Masaryk University Brno, Department of Experimental Biology, Brno, Czech Republic

P-028 **Sperm selection after t.e.s.e., a new approach**

G. Vizziello¹, A. Baldini¹, E. Gliozheni², M. Maremonti³, O. Gliozheni⁴, K. Kati², V. Verriello¹, D. Vizziello⁵

¹Momofertilife, IVF Unit, Bisceglie, Italy

²University, Department of Gynecology and Obstetrics, Tirana, Albania

³Momofertilife, Department of Gynecology and Obstetrics University, Bisceglie, Italy

⁴University, Department of Gynecology and Obstetrics, Bisceglie, Albania

⁵University "Vita Salute" San Raffaele, IVF Unit, Bisceglie, Italy

Cross border reproductive care

P-029 **Surplus embryo destination in Spain according to patient nationality**

H. Arce Saenz¹, J. Sunol Sala¹, E. Velilla Garcia², M. López-Teijón Pérez¹

¹Institut Marquès, Assisted Reproduction Service, Barcelona, Spain

²Institut Marquès, Reproductive Biology Service, Barcelona, Spain

Developing countries and infertility

P-030 **Infertility factors in couples with temporarily migrant male partner - an analytical review**

S. Gupta¹

¹Jeevan Jyoti Hospital & Medical Research Centre Bobina Road, Obstetrics and gyneacology, Gorakhpur, India

Early pregnancy

P-031 **Lack of FcRn binding in vitro and no measurable levels of ex vivo placental transfer of certolizumab pegol**

A. Nesbitt¹, L. Kevorkian¹, T. Baker¹

¹UCB Pharma, Slough, United Kingdom

P-032 **Immunotherapy of patients with repeated implantation failures in randomized controlled design and its impact on luteal progesterone synthesis**

O. Sefrioui¹, A. Madkour¹, N. Louanjli¹, L. Ahbbas¹, S. Aboulmaouahib¹, F. Nait Ouhmane¹

¹Private Practice, Anfa, Casablanca, Morocco

P-033 **How indicative are the standard investigations in recurrent pregnancy loss?**

L. Dhaenens¹, C. De Roo¹, H. Debunne¹, K. Tilleman¹, F. Vandekerckhove¹, J. Gerris¹, P. De Sutter¹

¹University Hospital Ghent, Reproductive Medicine, Ghent, Belgium

- P-034** **The use of Intralipid in IVF cycles in poor responders with repeated implantation failure who were positive for Natural Killer (NK)cells**
 V. Kaul¹, N. Lolatgis¹, T. Osianlis¹, K. Sorby¹, B. Vollenhoven¹
¹Monash IVF, RBU, Melbourne, Australia
- P-035** **Clinical significance of biochemical pregnancy and its predictive value in the subsequent cycles in assisted reproduction**
 R. Yang¹, R. Li¹, P. Liu¹, J. Qiao¹
¹Peking University Third Hospital, Reproductive Medical Center, Beijing, China
- P-036** **Sera of patients with recurrent miscarriages containing anti-trophoblast antibodies (ATAB) reduce secretion of hCG and progesterone in trophoblast cells in vitro**
 V. Von Schönfeldt¹, N. Rogenhofer¹, K. Ruf¹, C.J. Thaler¹, U. Jeschke²
¹Hormon- & Kinderwunschzentrum, Klinik und Poliklinik für Frauenheilkunde und Geburtshilfe Klinikum der Ludwig-Maximilians-Universität Campus Großhadern, München, Germany
²Klinik und Poliklinik für Frauenheilkunde und Geburtshilfe, Klinikum der Ludwig-Maximilians-Universität Campus Innenstadt, München, Germany
- P-038** **Downregulation of ten-eleven translocation 1-3 and 5-hmC in the human villi of normal pregnancy at 6, 7 and 8 weeks**
 S.L. Chen¹, A.H. Wu¹, Y.D. Liu¹, X. Chen¹, W. Li², Y.X. He¹, F.H. Duan¹, J. Niu¹, P. Li¹
¹Nanfeng Hospital of Southern Medical University, Gynecology and Obstetrics, Guangzhou Guangdong, China
²Second Affiliated Hospital of Guangzhou Medical University, Gynecology and Obstetrics, Guangzhou Guangdong, China
- P-039** **Insufficient maintenance ten-eleven translocation 1-3 is associated with early pregnancy loss**
 A.H. Wu¹, Y.D. Liu¹, X. Chen¹, W. Li², Y.X. He¹, F.H. Duan¹, J. Niu¹, P. Li¹, S.L. Chen¹
¹Nanfeng Hospital of Southern Medical University, Gynecology and Obstetrics, Guangzhou Guangdong, China
²Second Affiliated Hospital of Guangzhou Medical University, Gynecology and Obstetrics, Guangzhou Guangdong, China
- P-040** **Expression of vascular endothelial growth factor a and its receptor in gdm-affected placental tissues**
 Q. Meng¹, L. Shao², X.C. Luo³, W. Xu³
¹First Affiliated Hospital of Nanjing Medical University, Lianyungang Maternity and Child Health Care Hospital, Department of Obstetrics
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³Lianyungang Maternity and Child Health Care Hospital, Department of Obstetrics, Lianyungang Jiangsu, China
- P-041** **Performance of nine home urinary hCG (human chorionic gonadotropin) pregnancy tests**
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- P-042** **Genotyping analysis for the 46C/T polymorphism of coagulation factor XII and the involvement of factor XII activity in patients with recurrent pregnancy loss**
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- P-043** **Determination of clinically significant tests for anti-phospholipid antibodies and cutoff levels for obstetric antiphospholipid syndrome**
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- P-044** **Does the depth of embryo transfer affect the chances of pregnancy and risk of ectopic pregnancy?**
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¹East Riding Fertility Services Ltd, The Hull IVF Unit, Hull, United Kingdom
- P-045** **ICSI did not reduce spontaneous abortion of women with recurrent miscarriage**
Y.Y. Kim¹, K.H. Lee¹, I.H. Park¹, H.G. Sun¹, S.G. Kim¹, J.H. Lee¹, S.A. Kim¹, S.J. Kwak¹
¹Mama, Papa & Baby Obstetrics Gynecology Clinic, Infertility Lab.
- P-046** **Vaginal progesterone is inferior to intramuscular progesterone in inducing a rise in the serum of the immunomodulatory protein, progesterone induced blocking factor (PIBF)**
G. DiAntonio¹, J. Vaniver¹, J.H. Check², A. DiAntonio¹, R. Cohen³
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³Philadelphia College of Osteopathic Medicine, OB/GYN, Philadelphia, U.S.A.
- P-047** **Intramuscular injection of 17-hydroxyprogesterone in contrast to intramuscular progesterone fails to induce a clear increase in the immunomodulatory protein, progesterone induced blocking factor (PIBF)**
J. Vaniver¹, G. DiAntonio¹, J.H. Check², A. DiAntonio¹, R. Cohen³
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²Cooper Medical School of Rowan University, OB/GYN, Camden, U.S.A.
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- P-048** **A randomised study on the use of acupuncture for pain relief during the first trimester abortion by suction evacuation**
E. Ng¹, G. Wong², R. Li¹, Y.Y. Wong¹
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- P-049** **Expression profile of micro-RNA in human chorionic villi from early recurrent miscarriage**
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- P-050 Association between miscarriage and premature birth and assisted reproductive technologies (ART)**
 V. Grabar¹, O. Feskov², I. Feskova², I. Bezpechnaya², A. Zozulina², N. Chumakova², E. Blazhko²
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- P-051 Uterine NK cells at gestational day 12 contained CXCR4 or IL-15 receptor-bearing cells and interferon-gamma producing cells**
 A. Takashima¹, N. Takeshita¹, T. Kinoshita¹
¹Toho University Medical Center Sakura Hospital, Obstetrics and Gynecology Toho University Medical Center Sakura Hospital, Sakura, Japan
- P-052 Systemic immune responses in women with Chlamydia trachomatis infection: the difference between tubal ectopic pregnancy and early intrauterine pregnancy**
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²Obstetrics and Gynecology Hospital of Fudan University, Department of Gynecology, Shanghai, China
- P-053 Association of bacterial vaginosis and vitamin D deficiency in the first half of pregnancy**
 H. Rahmanpour¹, S. Haghazadeh¹, S. Mazloomzadeh², S. Mazloomi³, F. Sarvi⁴
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- P-054 Infertility and advanced age women**
 N. Bagheri Lankarani¹, T. Madani¹, Z. Ezabadi¹
¹Royan Institute, Epidemiology and reproductive health, Tehran, Iran
- P-055 Is anti-müllerian hormone, a determinant in unexplained recurrent miscarriage**
 E. Leclercq¹, E. Pasquier², M.T. Le Martelot¹, S. Roche¹, C. Bohec³, D. Mottier², M. Collet¹
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- P-056 Polymorphisms in the FOXP3 gene show association with unexplained recurrent spontaneous abortion: a study from Iran**
 F. Idali¹, F. Naderi², R. Fatemi³, S. Zarei⁴, K. Kamali⁵, M. Jeddi Tehrani⁴
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⁵Avicenna Research Institute ACECR, Biotechnology Research Center Institute, Tehran, Iran
- P-057 Detection of single nucleotide polymorphisms (SNPs) miR-196a2 and interleukin-18(IL-18) 105G>A and -656C>A in women with recurrent miscarriages**
 D. Mavrogianni¹, A. Siahami¹, M. Zeibeki¹, A. Vlismas², P. Drakakis¹, D. Loutradis¹
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- P-058** **The effect of sildenafil (Viagra™) on live birth and the development of mouse offspring**
 L. Asgari¹, W. Maalouf¹, B.K. Campbell¹
¹University of Nottingham, School of Medicine, Nottingham, United Kingdom
- P-059** **Uterine and peripheral natural killer cells do not correlate in RSA and RIF patients**
 T. Göggel¹, R.J. Kuon², B. Toth¹, T.H. Strowitzki¹, V. Daniel³, M. Weber⁴
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³Institute of Immunology University of Heidelberg, Department of Transplantation-Immunology, Heidelberg, Germany
⁴Placenta-Lab, Department of Obstetrics University Hospital Jena, Jena, Germany
- P-060** **Association of multilocus methylation defects of imprinted genes in spontaneous abortions with recurrent pregnancy loss**
 M.V. Lepshin¹, E.A. Sazhenova¹, N.A. Skryabin¹, T.V. Nikitina¹, I.N. Lebedev¹
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- P-061** **Subendometrial blood flow assessment in recurrent unexplained first trimesteric abortion**
 A. Taher¹, M. Sharaf¹, S. Hefny¹, H. Al-Inany¹
¹Cairo University, Obstetrics & Gynecology, Cairo, Egypt
- P-062** **Th17 and treg cells in recurrent miscarriage**
 B. Saifi¹, M. Mehdizadeh², S.A. Rezaee³, R.E.Z.A. Aflatoonian⁴, N. Tajik⁵, R. Vakili⁶, M. Ashrafi⁷, M. Erfanian Ahmadpour⁸
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⁷Royan Institute for Reproductive Biomedicine Culture and Research, Endocrinology and Female Infertility Department, Tehran, Iran
⁸Islamic Azad University Mashhad Medical Branch, Anatomy Department, Mashhad, Iran
- P-063** **Intravenous lipid administration in RPL and RIF patients with elevated uterine natural killer cells**
 V. Holschbach¹, R.J. Kuon¹, T. Goeggel¹, V. Daniel², M. Weber³, U.R. Markert³, T. Strowitzki¹, B. Toth¹
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²University Hospital Heidelberg, Department of Transplantation-Immunology, Heidelberg, Germany
³University Hospital Jena, Placenta-Lab Department of Obstetrics, Jena, Germany

- P-064** **Increased chromosome 16 disomy rates in human spermatozoa seem to be associated with recurrent miscarriages**
N. Rogenhofer¹, M. Neusser², V. V Schönfeldt¹, S. Dürl², R. Ochsenkühn³, M. Trottmann⁴, O. Steinlein², S. Müller², C.J. Thaler¹
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³Center for Reproductive Medicine, München, Germany
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Embryology

- P-065** **Sibling embryo study to evaluate the potential impact on morphokinetics of a medium refresh on day 3, during extended culture**
L. Lee¹, S. Montgomery¹, S. Duffy¹, A. Campbell², M. Laegdsmand³, S. Fishel²
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²Care Fertility, Embryology, Nottingham, United Kingdom
³Fertilitech, Scientific Communications, Aarhus, Denmark
- P-066** **Comparison of embryonic development by pronucleus diameter and differences in second synchrony using time-lapse monitoring**
F. Kojima¹, Y. Sato¹, T. Sakamoto²
¹Sakamoto Tomomi Clinic, Laboratory, Hirosaki, Japan
²Sakamoto Tomomi Clinic, Dr., Hirosaki, Japan
- P-067** **Impact of morphological assessment of embryo quality on Day2 on reproductive outcomes in Day3 embryo transfers: a randomized study**
M. Rodriguez Garabatos¹, A. Obradors¹, A. Pujol¹, O. Coll¹, V. Vernaeve¹, R. Vassena¹
¹Clinica Eugin, Assisted Reproduction, Barcelona, Spain
- P-068** **Alteration of mitochondrial activity during vitrification of mouse immature oocyte might be recovered by extending gv stage**
J.H. Eum¹, S.Y. Yoon¹, E.A. Park¹, H.M. Jang¹, H.J. Won¹, W.S. Lee¹, T.K. Yoon¹, D.R. Lee¹
¹CHA University, Fertility Center of CHA Gangnam Medical Center, Seoul, Korea South
- P-070** **Comparison of recovery, survival and clinical pregnancy rate between two different closed vitrification devices (Rapid-i versus Cryotip)**
M. Banti¹
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- P-071** **Evaluation of vitrified/warmed oocyte derived embryos development and morphology**
D. Montjean¹, C. Siraudin¹, P. Boyer¹
¹Hopital Saint Joseph, Reproductive Medicine and biology department, Marseille, France
- P-072** **Detailed time-lapse morphokinetic analysis of early embryo multinucleation: impact on implantation rate**
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- P-073** **Quality enhancement of bovine blastocysts produced in defined media containing an optimised concentration of recombinant human albumin**
M. Murakami¹, T. Kuramoto²
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²*Kuramoto Women's Clinic, Director, Fukuoka, Japan*
- P-074** **Optimization of a closed system for human oocyte vitrification using in vitro matured oocytes and subsequent clinical outcomes from in vivo matured oocytes**
D. Gook¹, K. Lewis², B. Choo², D.H. Edgar¹
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²*Melbourne IVF, Melbourne IVF, East Melbourne Victoria, Australia*
- P-075** **Time-lapse imaging demonstrates that human embryos undergoing nuclear envelope breakdown (NEBD) within an optimal time range exhibit enhanced developmental potential**
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- P-076** **Efficiency comparison of cryopreservation of eggs and embryos in a shared egg donor program**
W. Wang¹, R. Li¹, M. Chang¹, T. Wang¹, C. Witz¹, D. Williams¹, J. Griffith¹, J. Skorupski¹, J. Gill¹, S. Bello¹, G. Haddad¹
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- P-077** **Reproductive potential of vitrified in vitro matured (IVM) oocytes obtained from unstimulated IVM cycles**
W.Y. Son¹, J.T. Chung¹, S. Henderson¹, W. Buckett¹, T. Tulandi¹, H. Holzer¹
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- P-078** **Is the retardance of mitotic spindle a good predictor of embryo development?**
D. Agudo¹, M. Martínez-Burgos¹, A. Rodríguez¹, F. Bronet¹
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- P-079** **Comparison of genes expression in germinal vesicle oocyte in the GnRH agonist long vs. GnRH antagonist protocol of human ovarian stimulation**
F. Hoseini¹, N. Salsabili², R. Aflatoonian³, S.M.H. Noori Mugahi⁴, F. Akbari Asbagh⁵, S.H. Aghaee-Bakhtiari⁶, B. Aflatoonian⁷
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- P-080** **Oocyte developmental competence: an improved predictive model combining morphological criteria with transcripts or proteins biomarkers**
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- P-081** **Division behaviors and selection of high potential day 3 embryos: a time-lapse study**
 S.T. Yang¹, J.X. Shi¹, S.P. Zhang², F. Gong², K. Tang¹, C.F. Lu², G.X. Lu¹, G. Lin¹
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²Reproductive & Genetic Hospital of Citic-Xiangya, Changsha Hunan, China
- P-082** **Qualitative assessment of warmed pronuclear stage zygotes after slow-rate freezing and cryotech vitrification**
 F. Roth¹, M. Kuwayama², S. Hollenstein¹, A. Hoelzemann¹, P. Kania¹, F. Haeblerlin¹
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- P-083** **Euploid status and single embryo transfer success is independent of Day 5 and Day 6 blastocyst development**
 R.E. Anderson¹, J.B. Whitney², S. Zozula², N. Nugent², M.C. Schiewe²
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²Southern California Institute for Reproductive Sciences, ART Lab, Newport Beach CA, U.S.A.
- P-084** **The timing of vitrification protocols and the collapse technique affects the re-expansion rates and hatching potential of expanded mouse blastocysts**
 Z. Zejden¹, M. Khanna¹, P. Chen¹, M. Pangestu¹, S. Catt¹, P. Temple-Smith¹
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- P-085** **Correlation between blastocyst formation rate and chromosomal normality in cases without PGD - a time-lapse study**
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- P-086** **Efficiency of two insemination techniques (cIVF and ICSI) on fertilization and embryo development derived from same patients**
 T. Okimura¹, H. Ito¹, K. Uchiyama¹, T. Okuno², T. Kobayashi², K. Kato²
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- P-087** **The appearance of multinucleation at 2-cell stage does not adversely affect the implantation potential**
 T. Nakano¹, M. Satoh¹, S. Hashimoto¹, Y. Nakaoka¹, Y. Morimoto¹
¹Sunkaky Medical Corporation, IVF Namba Clinic, Osaka, Japan

- P-088** **Effect of ionomycin and calcium in the culture medium on the calcium releasing pattern of mouse oocytes and their subsequent embryonic development**
 Y. Lu¹, D. Nikiforaki¹, F. Vanden Meerschaut¹, J. Neupane¹, C. Qian¹, W.H. De Vos², J.P. Ozil³, T. Deroo¹, P. De Sutter¹, B. Heindryckx¹
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³*INRA, Unité de Biologie du Développement et Reproduction, Jouy-en-Josas cedex, France*
- P-089** **Embryo assessment and selection by time-lapse evaluation using EEVA™ with transfer at the cleavage stage achieves similar clinical outcomes to blastocyst transfer**
 M. Gaudoin¹, C. Adam¹, N. Gibson¹, C. Noble¹, P. Mitchell¹, R. Fleming¹
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- P-090** **Does female age matter when selecting blastocysts for transfer using a novel morphokinetic based blastocyst selection algorithm?**
 L. Best¹, A. Campbell², S. Montgomery¹, S. Duffy¹, R. Smith³, D. Hulme⁴, L. Jenner⁴, D. Sivanantham⁵, L. Nice⁵, S. Fishel²
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³*CARE Sheffield, Embryology, Sheffield, United Kingdom*
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- P-091** **Vimentin: a protein important for human oocyte maturation and fertilization?**
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²*European Molecular Biology Laboratory, Genome Biology Unit and Proteomics Core Facility, Heidelberg, Germany*
- P-092** **Micro-vibration culture and group culture increase fertilization and implantation rates in human embryos**
 I. El Danasouri¹, N. Sandi-Monroy², T. Winkle², N. Reeka³, F. Gagsteiger⁴
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- P-093** **Retrospective assessment of second polar body alignment using time lapse imaging**
 M. Regueira¹, E. Cater¹, L. Jenner¹, G. Woodhead¹, C. Lynch¹, A. Campbell², S. Fishel¹
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- P-094** **Antral follicles developing from primary and preantral follicles in culture: are we getting closer to obtaining mature oocytes from in vitro grown follicles in human?**
 G. Sahin¹, B. Urman¹, O. Oktem¹
¹*Koc University School of Medicine, Obstetrics and Gynecology, Istanbul, Turkey*

- P-095** **Time lapse monitoring: a comparison between embryos development from fresh ejaculated and cryopreserved testicular spermatozoa in ICSI cycles**
 V. Parini¹, A. Smeraldi¹, A. Cesana¹, F. Menduni¹, E. Albani¹, P. Patrizio², P.E. Levi Setti¹
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- P-096** **Does embryo transfer on day 6 cause lower implantation rates than transfer on day 5**
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²Aarhus University Hospital, Dep of Clinical Biochemistry, Aarhus, Denmark
- P-097** **Cryopreservation to synchronization endometrium and slow developing blastocysts: vitrification-warming of day 6 blastocysts**
 H. Bulut¹, K. Ozgur¹, M. Berkkanoglu¹, K. Coetzee¹, A. Isikli¹
¹Ozel Antalya Top Bebek Merkezi, IVF, Antalya, Turkey
- P-098** **Evidence of differences in pregnancy rates following embryo development in an integrated time lapse incubation system compared to a standard IVF incubator**
 P. Harbulak¹, M. Jureková¹
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- P-099** **Abnormal morphology and development of mouse embryos transfected with human oocyte retroelements preincubated with mouse spermatozoa**
 C. Kitsou¹, L. Lazaros¹, K. Mauraki¹, S. Bellou², P. Sakaloglou¹, C. Kostoulas¹, E. Hatzil¹, V. Galani³, K. Zikopoulos¹, T. Tzavaras⁴, I. Georgiou¹
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⁴University of Ioannina, Laboratory of General Biology, Ioannina, Greece
- P-100** **The time interval between blastocyst formation and freezing affects pregnancy rates in freeze-thaw embryo transfer**
 R. Matsunaga¹, M. Kamihata¹, W. Mita¹, M. Miura¹, K. Miyata¹, T. Tanaka¹, M. Sakurai¹, C. Kani¹, N. Yamanaka¹, S. Watanabe¹, Y. Katsumata¹, A. Kuwahata¹, M. Ochi¹, T. Horiuchi²
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- P-101** **Comparison of the clinical outcomes between Hyaluronan-enriched and autologous follicular fluid supplemented transfer medium**
 S.Y. Jeong¹, J.L. Choi¹, J.W. Kim¹, K.H. Kang¹, S.H. Yang¹, S.H. Yoon¹, J.H. Jung¹, J.H. Lim¹
¹Maria Fertility Hospital, IVF center, Seoul, Korea South
- P-102** **Clinical outcomes of vitrified- thawed blastocysts obtained from coculture with autologous cumulus cells versus sequential media**
 J.A. Yoon¹, S.Y. Lee¹, H.Y. Cho¹, K.H. Kang¹, S.H. Yang¹, S.H. Yoon¹, J.H. Jung¹, D.H. Lee¹, J.H. Lim¹
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- P-103** **Measuring the embryonic effects of vascular endothelial growth factor (VEGF) using a simple murine blastocyst outgrowth study**
R. Aldahhan¹, R. Thomson¹, S. Catt¹, M. Pangestu¹
¹Monash University, Education Program of Reproduction & Development Department of Obstetric & Gynaecology, Clayton, Australia
- P-104** **Rescue of human oocytes with poor membrane stretchiness shown during ICSI, by identifying extra stretchy oolemmal regions using a piezo-micromanipulator**
H. Iwayama¹, M. Ishiyama¹, M. Shimoda¹, A. Nakatani¹, M. Yamashita²
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²Yamashita Ladies' Clinic, Section of Human ART, Kobe, Japan
- P-105** **Prediction model for blastocyst formation through multivariable analysis of morphokinetic data from an automatic time-lapse system**
Y. Motato¹, M. Muñoz², B. Aparicio-Ruiz¹, J.L. Romero¹, J. Remohi¹, M. Meseguer¹
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- P-106** **Vitrification solutions improves the immature oocyte in vitro maturation by inducing an increase of intracellular Ca²⁺ concentrations**
I. Molina¹, J. Gómez¹, I. Peinado¹, J.M. Rubio¹, E. Novella-Maestre²
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- P-107** **Customized morphokinetic model for blastocyst selection by time-lapse system**
A. Tejera¹, J. Motato¹, M. Muñoz², B. Aparicio¹, D. Castello¹, M. Meseguer¹
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- P-108** **Comparison of embryos morphokinetic pattern according to the sperm origin**
J. Lammers¹, C. Splingart¹, N. Le Fleuter¹, S. Mirallie¹, P. Barriere¹, T. Freour¹
¹CHU Nantes, 8 boulevard Jean Monnet, Nantes Cedex 01, France
- P-109** **Trends and pregnancy outcomes of assisted hatching, united states, 2000 - 2010**
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- P-110** **Factors affecting the clinical pregnancy rate of frozen-thawed blastocyst transfer cycles: a multivariate analysis of 1453 cycles**
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- P-111 Embryo quality and clinical outcomes using embryoscopetm, minctm and heracelltm 150i incubators: preliminary results from a randomized study with donor oocytes**
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- P-112 New method of visualization of native sperm intracellular organelles for sperm selection and diagnostics of male infertility**
S.A. Yakovenko¹, V.P. Apryshko¹, M.A. Kharitonova¹, M.N. Troshina¹, A.G. Mironova¹,
T.G. Khriapenkova¹, A.L. Strashnova¹, A.A. Dolganova¹, N.S. Voronich¹, E.S. Kalinina¹, A.A. Klepukov¹,
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- P-113 Elective vitrify-all: a good choice when embryo transfer conditions are not ideal**
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- P-114 Chromosomal integrity of human preimplantation embryos at cleavage and blastocyst stage in recurrent pregnancy loss patients**
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- P-115 Automated time-lapse analysis in adjunctive use with morphology is highly informative in allowing diverse embryologists to select embryos with high developmental potential**
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- P-116 Frozen embryo transfer outcomes with the Rapid i closed vitrification carrier: impact of delayed blastulation and blastocyst morphology on clinical pregnancy and implantation rates**
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- P-117 Randomized controlled comparison of single embryo culture versus group culture using a micro-well group culture dish in humans**
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- P-118 Spindle presence in metaphase-II oocytes and its relationship with blastocyst formation**
A. Mahfoudh¹, J.H. Moon¹, E. Garcia Cerrudo¹, S. Henderson¹, W.Y. Son¹, H. Holzer¹
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- P-119 Applicability of a microfluidic device to produce blastocysts in vitro: how close is embryo quality in the device to quality in vivo**
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- P-120 Ignorance is bliss - the importance of the cleavage stage morphology evaluation for blastocyst transfer in good prognosis patients**
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- P-121 Closed oocyte vitrification in an egg donation program: from oocyte to live birth**
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- P-122 Predictive factors of embryo implantation, either at cleavage or blastocyst stage, according to time-lapse analysis**
T. Freour¹, J. Lammers¹, N. Le Fleuter¹, C. Splingart¹, S. Mirallié¹, P. Barrière¹
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- P-123 Follicular fluid levels of anti-Mullerian hormone (AMH) as a predictor of oocyte maturation and embryonic development in modified natural cycle-IVF (MNC-IVF)**
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- P-124 Comparison of blastocyst culture outcome obtained in 180 ICSI cycles with standard or time-lapse incubation and with three different media systems**
T. Riccio¹, M.G. Minasi¹, V. Casciani¹, V. Zazzaro¹, M. Terribile¹, E. Iovine¹, M.T. Varricchio¹, K. Litwicka¹, F. Scarselli¹, E. Greco¹
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- P-125 Antimetabolite cancer drug gemcitabine selectively impacts preantral and antral follicle cohorts in the ovary as evidenced by quantitatively histomorphometric, hormonal and cell viability markers**
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- P-126** **Assessment of oocyte activation capability of sperm using live-cell imaging and the rescue of non-activated embryos after ICSI by artificial activation**
M. Tokoro¹, N. Fukunaga², K. Yamagata³, H. Kitasaka², T. Yoshimura⁴, F. Tamura², N. Hasegawa⁴, K. Nakayama², M. Kato⁴, E. Kojima⁴, N. Aoyagi², H. Ohno², H. Watanabe⁴, Y. Hashiba⁵, Y. Asada⁶
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- P-127** **Utility of elective single frozen embryo-transfer (eSFET)**
M.L. López-Regalado¹, M.C. Gonzalvo¹, A. Clavero¹, L. Martinez¹, J. Mozas¹, J. Fontes¹, B. Romero¹, I. Orozco¹, M. Rodriguez¹, C. Carmona¹, V. Diaz¹, J.A. Castilla²
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- P-128** **Oocytes affected by smooth endoplasmic reticulum aggregates can produce healthy babies**
C. Autin¹, C. Shaw Jackson¹, A. Thomas¹, N. Van Beirs¹, J. Colin¹, E. Bertrand¹, B. Becker¹, S. Rozenberg¹
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- P-129** **Predictive factors of good quality blastocyst formation according to time-lapse analysis**
C. Splingart¹, J. Lammers¹, N. Le Fleuter¹, P. Barrière¹, T. Fréour¹
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- P-130** **Temperature stability is improved by introducing a novel air warming system during extended micromanipulation procedures**
S. Wheat¹, K. Vaughan¹, S.J. Harbottle¹
¹Cambridge IVF, Addenbrookes Hospital, Cambridge, United Kingdom
- P-131** **Single versus double blastocyst embryo transfer**
V. Reig¹, L. Okada¹, R. Azambuja¹, A. Tagliani-Ribeiro¹, D. Kvitko¹, J. Michelon¹, F. Badalotti¹, R. Petracco¹, M.T. Sanseverino¹, M. Badalotti¹, A. Petracco¹
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- P-132** **Proteome, survival rate and developmental potential of control and vitrified mouse oocytes matured with or without a glutathione donor**
M. Heiligentag¹, T. Trapphoff¹, J. Simon¹, I. Betzendahl¹, T. Fröhlich², G.J. Arnold², U. Eichenlaub-Ritter¹
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²Gene Center LMU, Laboratory for Functional Genome Analysis, Munich, Germany
- P-133** **Low oxygen tension may increase implantation potential by enhanced expression of LIFR and antioxidant related genes MnSOD and PRDX5 in mouse blastocyst cultured in vitro.**
Y.Y. Ma¹, A.P. Kao¹, C.R. Tzeng¹
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- P-134** **Are late morphokinetic parameters useful in identifying the blastocysts within a cohort that are most likely to implant?**
N. Watcharaseranee¹, N. Desai¹, J. Goldberg¹, C. Austin¹, T. Falcone¹
¹*Cleveland Clinic Fertility Center, OB-GYN, Cleveland, U.S.A.*
- P-135** **Improvement of survival rate in euploid blastocysts coming from day3 biopsied embryos and collapsed with a laser shot before vitrification**
A. Delgado Mendive¹, L. Escrich¹, N. Grau², M.E. Poo¹, A. Mercader¹, P. Buendia¹, P. Campos³, B. Vallejo³, A. Tejera³, A. Galán³
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- P-136** **Categorisation of embryo developmental potential using computerised time-lapse evaluation of early stage development reveals differences in morphology and viability between three defined categories**
C. Adam¹, N. Gibson¹, C. Noble¹, P. Mitchell¹, M. Gaudoin², R. Fleming²
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- P-137** **Software based analysis of Local Zona Pellucida Thickness Variation: Bending Energy as a predictive window on Day 2 embryo fate**
M.S. Bezerra Espinola¹, A. Linari¹, G. Micara¹, D. Tranquilli¹, A. Giuliani², M. Bizzarri³, C. Aragona¹
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- P-138** **Promising transfer and pregnancy rates utilizing consecutive 'freeze all'-cycles and trophectoderm aneuploidy screening**
S. Bug¹, B. Groß², B. Solfrank¹, M. Stecher¹, J. Pricelius¹, C. Nevinny-Stickel-Hinzpeter¹, U. Noss²
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- P-139** **The use of live birth as an outcome measure for a new morphokinetic based blastocyst selection algorithm**
R. Smith¹, A. Campbell², M. Laegdsmand³, S. Montgomery⁴, L. Best⁴, S. Duffy⁴, D. Hulme², S. Sivanantham⁵, L. Jenner², L. Nice⁵, S. Fishel²
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- P-140** **Human ART culture media have no effect on apoptosis in mouse pre-implantation embryos**
K. Schulte¹, J. Ehmcke², S. Schlatt¹, C. Schwarzer³, M. Boiani³, V. Nordhoff¹
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- P-141** **Microfluidics device applied to embryo culture improves blastocysts morphology**
 T. Vitoria¹, J.M. De Los Santos¹, M.J. De Los Santos¹, P. Gámiz¹, S. Laursen², M. Meseguer¹
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- P-142** **Does blastocyst pre-freeze grade, extent of survival and expansion have an effect on pregnancy outcome?**
 K.E. Bowdrey¹, A. Bevan¹, T. Child¹, E. McVeigh¹, K. Turner¹
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- P-143** **Use of GM-CSF supplemented IVF medium in patients with recurrent implantation failure: a controlled trial**
 M. Sbracia¹, F. Morgia², M. Torti², M. Amodei², R. Corizza², F. Scarpellini¹
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- P-144** **Randomized study assessing the impact of primo vision time-lapse embryo monitoring system (tlm) on embryo culture and selection**
 G. Huang¹, L.H. Wu¹
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- P-145** **IntegraTI versus Integra3 (I3): a prospective randomised sibling study assessing fertilisation outcome, embryo quality and morphokinetic parameters**
 D. Gwinnett¹, C. Cook¹, M. Escriba¹, C. Hickman¹, G. Trew², S. Lavery²
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- P-146** **The effects of maternal hyperhomocysteinemia on embryo quality in mice**
 P. Chakraborty¹, S. Yasmin², R. Chattopadhyay², S.K. Goswami², B.N. Chakravarty²
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- P-147** **In-silico analysis of follicular fluid proteome for the identification of molecular biomarkers related to oocyte quality in IVF programs**
 P. Piomboni¹, L. Bini², A. Gagliardi², C. Landi², R. Focarelli³, V. De Leo⁴, A. Luddi⁴, M. Gori⁴, L. Bianchi⁴
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- P-148** **Successful treatment with Ca²⁺-ionophore in cases of previous developmental problems: a multicentre study**
 T. Ebner¹, P. Oppelt¹, M. Wöber², P. Staples³, R.B. Mayer¹, U. Sonnleitner⁴, S. Bulfon-Vogl⁵, I. Gruber⁶, O. Shebl¹
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⁵Sterignost, IVF, Klagenfurt, Austria
⁶Landesklinikum St. Pölten, Kinderwunschambulanz, St. Pölten, Austria
- P-149** **Morphokinetic assessment using time-lapse imaging allows more accurate identification of embryos with multiple rather than single aneuploidies up to the 8-cell stage**
 S. Davies¹, E. Tsorva², D. Christopikou², P. Vogiatzi², A. Karagianni¹, A.H. Handyside³, M. Mastrominas⁴
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- P-150** **Consensus guidelines on the terminology and definitions for human pre-implantation embryo time-lapse monitoring by an expert panel**
 J. Aguilar¹, I.E. Agerholm², A. Campbell³, S. Chamayou⁴, H.N. Ciray⁵, M. Esbert⁶, S. Sayed⁷
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- P-151** **Aneuploidy and implantation potential of euploid blastocysts cannot be predicted by non-invasive morphokinetic analysis during in vitro culture**
 L. Rienzi¹, M. Stoppa¹, A. Capalbo¹, R. Maggiulli¹, S. Romano¹, A. Albricci¹, C. Scarica¹, D. Cimadomo¹, E. Ievoli¹, L. Dovere¹, F. Sanges¹, F.M. Ubaldi¹
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- P-152** **The effect of group embryo culture strategy based on pronuclear pattern on blastocyst development: a two-centre analysis**
 A. Paffoni¹, E. Rabellotti², A. Mangiarini¹, L. Corti², C. Guarneri¹, L. De Santis², M. Castiglioni¹, E. Papaleo², P. Viganò², L. Restelli¹
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- P-153** **Clinical benefit of zona free embryo transfer examined with blastocyst grade**
 H. Kikuchi¹, Y. Iwasa¹, A. Suzuki¹, K. Yamada¹, H. Kanno¹, H. Murakawa¹, H. Yoshida¹
¹Yoshida Ladies Clinic, Center for Reproductive Medicine, Sendai, Japan

- P-154** **Assessing the impact of factors derived from morphokinetic analysis in decreasing implantation potential of morphologically good embryos**
 C. Karamalegos¹, S. Davies¹, M. Argyrou¹, P. Sissi¹, A. Karagianni¹, K.A. Economou¹, C. Mentorou¹, M. Mastrominas¹
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- P-155** **A novel aspect of cytoplasmic vacuole formation in human zygotes and its clinical impacts on embryonic development revealed by high-resolution time-lapse cinematography**
 K. Iwata¹, K. Yumoto¹, M. Sugishima¹, C. Mizoguchi¹, Y. Kai¹, S. Furuyama¹, Y. Matoba¹, J. Yamauchi¹, A. Tanaka¹, Y. Iba¹, Y. Mio¹
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- P-156** **Analysis of cleavage patterns and centrosome formation during the first mitotic division in abnormal human zygotes using an immunofluorescence staining and live-imaging system**
 Y. Kai¹, K. Iwata¹, K. Yumoto¹, M. Sugishima¹, C. Mizoguchi¹, S. Furuyama¹, Y. Matoba¹, J. Yamauchi¹, A. Tanaka¹, Y. Iba¹, Y. Mio¹
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- P-157** **Vitrification using hydroxypropyl cellulose (HPC) as a novel cryoprotectant demonstrates significant improvement of survival rate of zona pellucid (ZP) free human blastocysts**
 C. Mori¹, A. Yabuuchi¹, K. Ezoe¹, Y. Takayama¹, T. Okimura¹, K. Uchiyama¹, T. Okuno¹, T. Kobayashi¹, K. Kato¹
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- P-158** **Abnormal spindles in human blastocyst increase with maternal age**
 S. Hashimoto¹, A. Amo¹, M. Inoue¹, K. Yamagata², T. Inoue¹, K. Ito¹, Y. Nakaoka¹, Y. Morimoto¹
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- P-159** **Air bubble position after embryo transfer affects pregnancy outcome differently in cleavage- and blastocyst- stage embryos**
 J. Jia¹, H.Y. Lin¹, P. Yuan¹, Y. Li¹, D.Z. Yang¹, Q.X. Zhang¹
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- P-160** **Pregnancy and childbirth resulting from transfer of frozen-thawed blastocysts generated by culture of zona-free ICSI embryos**
 T. Tanaka¹, S. Watanabe¹, W. Mita¹, M. Miura¹, Y. Kobayashi¹, K. Miyata¹, R. Matsunaga¹, N. Yamanaka¹, M. Kamihata¹, S. Nishiyama¹, H. Miyamura¹, Y. Katsumata¹, A. Kuwahata¹, M. Ochi¹, T. Horiuchi²
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- P-161** **Blastocyst culture using continuous culture medium and time-lapse monitoring**
 S. Watanabe¹, M. Kamihata¹, W. Mita¹, M. Miura¹, Y. Kobayashi¹, K. Miyata¹, T. Tanaka¹, R. Matsunaga¹, N. Yamanaka¹, S. Nishiyama¹, H. Miyamura¹, Y. Katsumata¹, A. Kuwahata¹, M. Ochi¹, T. Horiuchi²
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- P-162** **The process of blastocyst development in frozen-thawed single transfer and effectiveness of the grade of ICM and TE**
 K. Yamada¹, H. Kikuchi¹, Y. Iwasa¹, A. Suzuki¹, H. Kanno¹, H. Murakawa¹, H. Yoshida¹
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- P-163** **Cleavage synchronicity thresholds derived from aneuploid embryos predict embryo implantation and live birth in an infertile cohort without PGS**
 C. Pirkevi¹, M. Cetinkaya¹, Y. Kumtepe Colakoglu¹, Z. Atayurt¹, H. Yelke¹, S. Kahraman¹
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- P-164** **Disproportion of sex ratio within aneuploid embryos after acgh**
 P. Mazur¹, V. Nagornyy¹, D. Mykytenko², L. Semeniuk¹, V. Zukin¹
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- P-165** **Simple steps to identify viable embryos using time lapse monitoring. Can it replace classical "Pronuclear-scoring" under the auspice of the German Embryo Protection Law?**
 K.P. Zollner¹, J. Krieg², R. Dittrich², U. Zollner³
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- P-166** **The rate of blastocyst development affects cycle outcome in both fresh and frozen embryo replacement cycles**
 K. Loutradi¹, E. Drew¹, V. Wigley¹, A. Mania¹, U. Sarna¹, H. Sarna¹, H. Exeter¹, S. Sargeant¹, A. Doshi¹
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- P-167** **Thyrotropin and thyroid hormones in in vitro follicle growth of mouse primary preantral follicles, in in vitro fertilization and early embryo development**
 G.A. Partsinevelos¹, V. Dinopoulou¹, D. Mavrogianni¹, C. Theofanakis¹, P. Drakakis¹, C. Kallianidis¹, D. Loutradis¹
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- P-168** **The synchronicity of mitotic divisions predicts embryo implantation and live birth**
 M. Cetinkaya¹, C. Pirkevi¹, Y. Kumtepe Colakoglu¹, Z. Atayurt¹, H. Yelke¹, S. Kahraman¹
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- P-169** **Soybean phosphatidylcholine modifies the lipid profile of bovine oocytes after short-term exposure during in vitro maturation**
 C.P. Molina¹, A.A. Vireque¹, A. Tata², V.G. Santos², K.R.A. Belaz², C.R. Ferreira², M.N. Eberlin², M.F.S. Sá¹, R.A. Ferriani¹, A.C.J.S. Rosa e Silva¹
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- P-170** **Comparison of embryo culture with a single medium, global[®], lifeglobal or with sequential sequential media from cook laboratories in a prospective study**
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- P-171** **The impact of sperm-free DNA (f-spDNA) in combination with follicular fluid oocyte/cumulus-free DNA (ff o/c-free DNA) on embryological results in couples undergoing IVF/ICSI-ET treatments**
I. Messinis¹, M. Dimopoulou¹, C. Koutsonikou¹, G. Anifandis¹, C.I. Messini¹, K. Dafopoulos¹, S. Kouris¹, N. Vamvakopoulos¹
¹University of Thessaly, Department of Obstetrics and Gynaecology, Larissa, Greece
- P-172** **Developmental competence of human mature oocytes derived from preovulatory and antral follicles: reflections on follicle and oocyte physiology**
F. Brambillasca¹, P.V. Novara¹, C. Brigante¹, I. Caliari¹, T. Guarnieri¹, A. Epis¹, L. Maragno¹, M. Mignini Renzini¹, M. Dal Canto¹, G. Cotichio¹, R. Fadini¹
¹Biogenesi Reproductive Medicine Centre, Istituti Clinici Zucchi, Monza (MB), Italy
- P-173** **The effect of ovarian reserve parameters on biomarkers identified with time-lapse imaging**
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- P-174** **Laser assisted hatching of cleavage stage mouse embryos impairs developmental potential and increases genetic instability in blastocysts.**
S. Adiga¹, S.D. Honguntikar¹, S. Uppangala¹, S. Salian¹, G. Kalthur¹
¹Kasturba Medical College, Clinical Embryology, Manipal, India
- P-175** **Expression of oocyte secreted factors in cumulus cells as predictor of oocyte developmental potential**
Y. Li¹, L.N. Wei², R.Q. Li³, S.B. Ou³, N.F. Zhang³, W.J. Wang³, Q.X. Zhang³, D.Z. Yang³
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³Memorial Hospital of Sun Yat-Sen University, Reproductive Medicine Research Center, Guang Zhou, China
- P-176** **Reduced and delayed expression of GDF9 and BMP15 in unstimulated ovarian tissues from women with PCOS**
L.N. Wei¹, L.L. Li¹, C. Fang¹, R. Huang¹, X.Y. Liang¹
¹Sixth Affiliated Hospital of Sun Yat-Sen University, Reproductive Medicine Research Center, Guangzhou, China
- P-177** **The effect of sperm source and artificial oocyte activation (AOA) on early embryo morphokinetics can diminish before implantation**
O. Sahin¹, M. Serdarogullari², N. Findikli³, M. Gultomruk³, T. Aksoy³, U. Ulug⁴, M. Bahceci⁵
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⁴Bahceci Umut IVF Centre, Clinical Department, Istanbul, Turkey
⁵Bahceci Fulya IVF Centre, Clinical Department, Istanbul, Turkey

- P-178** **Higher pregnancy rate using low oxygen incubators in comparison with standard high oxygen incubators for day 3 embryo transfer: a prospective randomised clinical trial**
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¹*Life Memorial Hospital, Obstetrics and Gynecology, Bucharest, Romania*
²*UMF Carol Davila Elias Hospital, Endocrinology, Bucharest, Romania*
³*Life Memorial Hospital, Embryology, Bucharest, Romania*
- P-179** **Trophectoderm gradation and time of transfer are robust factors governing selection of best single blastocyst for transfer to predict implantation and live births in IVF**
N.M. Chimote¹, B.N. Mehta-Chimote², N.N. Chimote³
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³*Vaunshdhara Clinic & Assisted Conception Centre, Embryology, Nagpur, India*
- P-180** **An increase in the contraction of human blastocysts reduces the recovery rate of frozen-thawed embryos and the pregnancy rate after blastocyst transfer**
Y. Kobayashi¹, S. Watanabe¹, W. Mita¹, M. Miura¹, K. Miyata¹, T. Tanaka¹, R. Matsunaga¹, N. Yamanaka¹, M. Kamihata¹, S. Nishiyama¹, H. Miyamura¹, Y. Katsumata¹, A. Kuwahata¹, M. Ochi¹, T. Horiuchi²
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²*Prefectural University of Hiroshima, Department of Life Sciences, Shobara, Japan*
- P-181** **Evaluation of developmental rate and expression of Bax, Bcl-2 and ErbB4 in pre-implantation mouse embryos after re-vitrification**
N. Gharenaz.majidi¹, M. Mavahedin¹, Z. Mazaheri¹
¹*Modares University, Anatomy, Tehran, Iran*
- P-182** **Can a prolonged warmed blastocysts culture improve the selection of embryo for transfer? The value of blastocyst re-expansion assessed by time-lapse monitoring**
G. Orlando¹, R. Sciajno¹, V. Distratis¹, L. Fava¹, C. Lagalla¹, E. Sereni¹, L. Serrao¹, M.A. Bonu¹, A. Borini¹
¹*Tecnobios Procreazione, Tecnobios Procreazione, Bologna, Italy*
- P-183** **The duration of the first cell cycle in fertilized human oocytes is related to ploidy: observations on abnormally fertilized oocytes after IVF and ICSI**
J. Osborn¹, J. Wolyncevic¹, J. Esler¹
¹*Virtus Health, Queensland Fertility Group, Toowoomba, Australia*
- P-184** **Comparison of the clinical outcomes between fresh blastocysts transfer and vitrified-thawed blastocysts transfer**
J.M. Jang¹, H.J. Kim¹, H.J. Yoon¹, I.H. Bae¹, W.D. Lee¹, D.H. Lee², Y.K. Shin³, S.H. Yoon⁴, J.H. Lim⁴
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Endometriosis/endometrium

- P-185** **Dual NFkB and mTOR inhibition required to significantly reduce endometrial cell viability**
B. McKinnon¹, N.A. Bersinger², M.D. Mueller²
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²Inselspital, Department of Obstetrics and Gynaecology, Berne, Switzerland
- P-186** **Witch pharmacological scheme is better to luteal phase support after different IVF-protocols in order to improve clinical and ongoing pregnancy rate - randomized controlled trial**
F. Esposito¹, S. Gizzo¹, R. Soldà¹, S. Gava¹, D. Capuzzo¹, S. Fagherazzi¹, M. Noventa¹, S. Di Gangi¹, L. Righetto¹, A. Andrisani¹, M. Gangemi¹, G.B. Nardelli¹
¹Azienda Ospedaliera Padova, Women and Child Health, Padova, Italy
- P-187** **The endometrial stem cell marker Musashi 2 is associated with severity of endometriosis and cycle phase**
A. Schüring¹, K. Hermes¹, L. Kiesel¹, M. Götte¹
¹University Hospital of Münster, Department of Gynecology and Obstetrics, Münster/Westf., Germany
- P-188** **Expression patterns of VEGF and Flk-1 in human endometrium at the various phases of the natural menstrual cycle**
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⁴University of Athens Medical School, Second Department of Obstetrics and Gynecology, Athens, Greece
- P-189** **Endometriosis related infertility: painful symptoms are associated with deep infiltrating endometriosis**
M.C. Lamau¹, P. Santulli¹, L. Marcellin¹, V. Gayet¹, V. Blanchet¹, B. Borghese¹, D. De Ziegler¹, C. Chapron¹
¹Université Paris Descartes Sorbonne Paris Cité Faculté de Médecine, Gynecology Obstetrics II and Reproductive Medicine, Paris, France
- P-190** **The endometrial gene expression signature of recurrent implantation failure after IVF**
Y.E.M. Koot¹, S.R. Van Hooff², C.M. Boomsma¹, D. Van Leenen², M.J.A. Groot Koerkamp², M. Goddijn³, M.J.C. Eijkemans⁴, B.J.C.M. Fauser¹, F.C.P. Holstege², N.S. Macklon⁵
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- P-191** **A safety and efficacy study on long term treatment with Letrozole after GnRH A down-regulation in premenopausal patients with moderate and severe endometriosis**
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- P-192** **G-CSF instillation in bad prognosis patients may improve embryo implantation in an oocyte donation program**
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²IVF Spain, Nurse, Alicante, Spain
³IVF Spain, Embryologist, Alicante, Spain
- P-194** **Gene expression profiling of cumulus oophorus cells reveals significant altered pathways in patients with endometriosis**
A. Marino¹, S. Raimondo², A. Volpes¹, D. Fanale³, G. Cicero³, G. De Leo², F. Sammartano¹, R. Alessandro², A. Allegra¹
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³University of Palermo, Dipartimento di Discipline Chirurgiche Oncologiche e Stomatologiche, Palermo, Italy
- P-195** **The in-vitro effect of the peritoneal fluid and TGFβ1 on fibroblast and endometriotic epithelial cell proliferation**
M. Ibrahim¹, M.L. Barcena De Arellano¹, V. Chiantera², S. Frangini², S. Younes², S. Mechsner¹
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- P-196** **Dienogest for pain symptoms caused by rectovaginal endometriosis resistant to norethisterone acetate: prospective cohort study**
C. Scala¹, U. Leone Roberti Maggiore², S. Salvatore², E. Papaleo², V. Remorgida¹, L. Odetto¹, A. Racca¹, P.L. Venturini¹, M. Candiani³, S. Ferrero⁴
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- P-197** **Association of SLC18A1 gene polymorphisms with embryo implantation and early pregnancy loss in recipients undergoing IVF with donated oocytes**
A.A. Castillo-Dominguez¹, A.R. Palomares¹, M. Cortés-Rodríguez², E. Cogollos-Ubeda¹, M. Ruíz-Galdón², A. Reyes-Engel²
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- P-198** **Dyspareunia in women with endometriosis**
A.S. Kohl-Schwartz¹, T. Charpidou², K. Geraedts³, M. Wölfler⁴, B. Leeners³
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⁴*RWTH Aachen, Department of Gynecology, Aachen, Germany*
- P-199** **Human endometrial stroma cells express CXCL1 in vitro through different signalling pathways**
O. Altergot-Ahmad¹, S.J. Boeddeker¹, D.M. Baston-Buest¹, J.S. Kruessel¹, A.P. Hess¹
¹*University of Duesseldorf, OB/GYN, Duesseldorf, Germany*
- P-200** **Syndecan-1 knock down alters apoptotic susceptibility to embryonic stimuli in the human endometrial epithelial cell line RL95-2**
S.J. Boeddeker¹, D.M. Baston-Buest¹, O. Altergot-Ahmad¹, J.S. Kruessel¹, A.P. Hess¹
¹*University of Duesseldorf, OB/GYN and REI, Duesseldorf, Germany*
- P-201** **Disruption of progesterone signaling by microRNA-200a precludes embryo implantation in the cervix**
H. Haraguchi¹, Y. Hirota¹, T. Saito-Fujita¹, M. Egashira¹, L. Matsumoto¹, M. Matsuo¹, T. Hiraoka¹, K. Koga¹, J. Cha², S.K. Dey², T. Fujii¹, Y. Osuga¹
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²*the Perinatal Institute Cincinnati Children's Hospital Medical Center, Division of Reproductive Sciences, Cincinnati, U.S.A.*
- P-202** **Spatio-temporal pattern of endometrial vascular extracellular matrix expression is dysregulated in women with menorrhagia**
S. Biswas Shivhare¹, J.N. Bulmer¹, B.A. Innes¹, D.K. Hapangama², G.E. Lash¹
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²*University of Liverpool, Institute of Translational Medicine, Liverpool, United Kingdom*
- P-203** **Andulation therapy promotes implantation and increases pregnancy rates in IVF-cycles**
M. Murtinger¹, D. Küng¹, B. Wirleitner¹, M. Schuff¹, P. Vanderzwalmen¹, A. Neyer¹, M. Bach¹, J. Okhowat¹, D. Schwerda¹, N.H. Zech¹
¹*IVF-Centers Prof. Zech, IVF-Centers Prof. Zech-Bregenz, Bregenz, Austria*
- P-204** **Endometriosis in Primary Care Practice: General Practitioners' medical strategies and knowledge**
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- P-205** **Induction of IGFBP-1, PRL and Mn-SOD by cAMP is associated with histone acetylation status of their promoters in human endometrial stromal cells.**
H. Asada¹, M. Okada¹, H. Tamura¹, N. Sugino¹
¹*Yamaguchi University School of Medicine, Obstetrics and Gynecology, Ube, Japan*

- P-206** **Effects of S100 protein knockdown in primary epithelial and stromal endometrial transcriptome of fertile patients**
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- P-207** **S100 protein family member involved in the acquisition of the receptive endometrial phenotype of fertile patients**
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- P-208** **Dgcr8-dependent microRNAs are critical for uterine development and physiology in mice**
H. Song¹, Y. Kim¹, H. Kim¹, J. Yoon², M. Kim³, H. Won³, W. Lee³, F. DeMayo⁴, J. Lydon⁴, D. Choi⁵, T. Yoon³
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- P-210** **The presence of endometrioma does not impair time lapse morphokinetic parameters and quality of embryos: a study on sibling oocytes**
L.C. Demirel¹, E. Donmez¹, S. Aydogdu¹, H. Benli¹, G. Tuysuz¹, A. Ozdemir¹, B. Gokcan¹, H. Namlı¹
¹Atasehir Memorial Hospital, IVF department, Istanbul, Turkey
- P-211** **Prospective randomized controlled study (canadian task force classification) on hormonal or operative therapy of endometriosis - who wins the battle**
L. Mettler¹, C. Beteta², I. Alkatout³, A. Salmassi³
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³University Hospital Schleswig-Holstein, Frauenklinik, Kiel, Germany
- P-212** **Alteration of the intrafollicular thiol-redox system in infertile women with endometriosis: relationship with oocyte and embryo quality**
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- P-213** **Capn7 negatively regulates human endometrial stromal cell decidualization through binding to Foxo1**
H. Shan¹, Y. Jiang¹, X. Jin¹, H. Zhang¹, Q. Yan¹, C. Kong¹, Z. Diao¹, B. Wang¹, J. Liu¹, Y. Hu¹, H. Sun¹, G. Yan¹
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- P-214** **Effect of pre-ovulatory progesterone elevation and duration of progesterone elevation on the pregnancy rate of frozen-thawed embryo transfer in natural cycles**
V.C.Y. Lee¹, R.H.W. Li¹, J. Chai¹, T.W.Y. Yeung¹, W.S.B. Yeung¹, P.C. Ho¹, E.H.Y. Ng¹
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- P-215** **Prokineticin 1 leukemia inhibitory factor and Dickkopf 1 mRNA expression in the endometrium of women with unexplained infertility and idiopathic recurrent pregnancy loss**
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²*Inonu University Medical Faculty, Medical Biology and Genetics, Malatya, Turkey*
- P-216** **The effect of early timing of hCG triggering on pregnancy rate in patients stimulated with gonadotrophin releasing hormone (GnRH) antagonists for in vitro fertilisation (IVF)**
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¹*Bhopal Test Tube Baby Centre, Infertility, Bhopal, India*
- P-217** **Subserosal uterine endometriosis (SSUE) with deeply myometrial invasion: a variant of deeply infiltrating endometriosis (DIE) commonly mistaken as adenomyosis**
L.P. Chamie¹, R.M.A. Pereira², D.M.F. Ribeiro³, C.G. Padilla⁴, P.B. Fettback⁴, T. Domingues⁴, E.L.A. Motta⁴, P.C. Serafini⁵
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⁴*Huntington Reproductive Medicine, Private Practice, Sao Paulo, Brazil*
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- P-218** **IVF outcome in patients with surgically treated deep infiltrating endometriosis**
C. Gauche Cazalis¹, S. Cohen Scali¹, M. Koskas¹, C. Chis¹, S. Epelboin¹, C. Patrat¹, D. Luton¹, C. Yazbeck¹
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- P-219** **A randomised control pilot study of the use of intrauterine human chorionic gonadotropin injection before embryo transfer in egg recipient cycles**
G. Kokkali¹, M. Chronopoulou¹, E. Baxevani¹, M. Biba¹, I. Aggeli¹, M. Fakiridou¹, A. Katouna¹, C. Markomichali¹, K. Petroutsou¹, T. Vaxevanoglou¹, V. Kellaris¹, T. Konstantopoulos¹, N. Bathrellos¹, K. Sfakianoudis¹, K. Pantos¹
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- P-220** **Endometriosis health profile (EHP-30) scores and their association with surgical diagnosis in premenopausal women**
K. Hancke¹, T. Friedl¹, P. Widschwendter¹, D. Stuck¹, T. Gundelach¹, W. Janni¹, E. Bauer¹
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Ethics and law

- P-221** **Barriers to the evidence-based management of obese, infertile women**
[O. Oyesanya](#)¹
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- P-222** **On gametes and guidelines: a proceedings report of a symposium on the use of empirical bioethics to inform the regulation of reproductive technologies**
[V. Provoost](#)¹, [J. Ives](#)², [L. Frith](#)³, [G. Pennings](#)¹
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²University of Birmingham, Medicine Ethics Society and History (MESH), Birmingham, United Kingdom
³University of Liverpool, Health Services Research, Liverpool, United Kingdom
- P-223** **Cross-border reproductive care for law evasion: should local physicians be allowed to help infertility patients evade the law of their own country**
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Female (in)fertility

- P-224** **New pre-mix protocol for AMH gen II assay: can this method be relied upon to determine clinically significant reference ranges for IVF patients**
[C. LeSaint](#)¹, [C. Levesque](#)², [A. Castonguay](#)¹, [P. Lebel](#)³, [I.J. Kadoch](#)³
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³Clinique Ovo, Ovo Fertilité, Montréal, Canada
- P-225** **The impact of obesity on the outcome of IVF - retrospective study at Caen's university hospital**
[J. Bouiller](#)¹, [C. De Vienne](#)¹
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- P-226** **Array comparative genomic hybridization improves outcomes in women of advanced maternal age compared to standard IVF/ICSI**
[M. Mohamed](#)¹, [L. Kellam](#)¹, [S. Pandey](#)¹, [D. Maruthini](#)¹, [K. Dowell](#)¹, [S. Thornton](#)¹, [S. Fishel](#)¹, [M. Rangunath](#)¹
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- P-227** **A drop in serum estradiol after hCG administration in oocyte donors is predictive of lower oocyte yield but does not impact pregnancy rates**
[S. Karipcin](#)¹, [B.A. Levine](#)¹, [N. Pereira](#)¹, [Z. Rosenwaks](#)¹, [D.E. Goldschlag](#)¹
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- P-228** **Lipid intravenous infusion for treatment of recurrent implantation failure or recurrent pregnancy loss in women with elevated levels of peripheral natural killer cells**
[D. Kafetzis](#)¹, [G. Lamanna](#)², [A. Gill](#)², [E. Linara - Dimakakou](#)², [S. Nair](#)²
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- P-229** **Comparison of β -hCG serum levels in pregnancies achieved after fresh embryo transfer versus first or second choice thawed embryo transfer in egg-donation-IVF cycles**
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- P-230** **A new lower limit of single mid-luteal serum progesterone level as indicator for ovulation and pregnancy outcome**
R. Venkatakrisnan¹, N. Potdar¹, S. Arshad¹, J. Blower¹, T. Gelbaya¹
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- P-231** **Clomiphene citrate and follicle stimulating hormone for controlled ovarian stimulation in intrauterine insemination (INeS trial)**
M. Van Vliet¹, A.J. Bendsdorp¹, I. Custers¹, M.H. Mochtar¹, R.I. Tjon-Kon-Fat¹, P. Hompes², H.R. Verhoeve³, J.P. De Bruin⁴, B.J. Cohlen⁵, J. Gianotten⁶, F. Van der Veen¹, B.W.J. Mol⁷, M. Van Wely¹
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- P-232** **Correlation between polymorphisms in genes associated with the estrogen synthesis and its concentrations in blood and follicular fluid**
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- P-233** **Perifollicular blood flow and its impact on follicular fluid cytokines in in vitro fertilisation cycles**
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- P-234** **The natural conception rate in couples with unexplained or mild male subfertility scheduled for treatment with IVF-SET, IVF-MNC or IUI-COH (INeS trial)**
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- P-235** **Endometrial scratching in single implantation failure patients improves pregnancy rates in vitrified embryo transfer**
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- P-236** **Effect of fibroids on fertility outcomes in donor oocyte recipients with normal intrauterine cavity: a cohort study**
 R. Pesce¹, S. Gogorza¹, M.L. Pioli¹, N. Nicolaevsky¹, R. Rolando¹, S. Ciarmatori¹, S. Gil¹, C. Ochoa¹, A. Saavedra¹, G. Perman²
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- P-237** **Acetylcholinesterase in the ovary**
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- P-238** **The association of serum antimullerian hormon (AMH) and 25-hydroxy vitamin D (25(OH)D) levels in women at young reproductive ages**
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- P-239** **Analysis of ART procedures before (2007-2008) and after (2010-2011) the constitutional court change of italian law on ART:records from the italian assisted reproductive technologies register**
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- P-240** **Effect of r-LH addition in previous unexpected poor ovarian response**
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- P-241** **Freeze-all in poor prognosis patients: clinical outcomes of single vitrified euploid blastocyst transfers**
 F.M. Ubaldi¹, F. Sapienza¹, S. Colamaria¹, M. Giuliani¹, E. Gravotta¹, D. Cimadomo¹, A. Capalbo¹, S. Romano¹, R. Maggiulli¹, C. Scarica¹, A. Albricci¹, L. Rienzi¹
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- P-242** **How thick is enough - association of success rates and endometrial thickness in oocyte donation cycles - a retrospective study of 4,070 cases**
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- P-243** **Hysterosalpingo-Foam Sonography (HyFoSy): a less painful procedure for tubal patency testing during the fertility work-up, compared to (serial) hysterosalpingography. A Randomized Clinical Trial**
 K. Dreyer¹, R. Out², M.H. Emanuel², P.G.A. Hompes¹, V. Mijatovic¹
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- P-244** **Intra-uterine insemination with donor semen in non-stimulated cycles: a large retrospective cohort study**
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¹ZBC Geertgen, Fertility Treatment Center, Elsendorp, The Netherlands
- P-245** **Dehydroepiandrosterone (DHEA) administration prior to IVF in poor responders. A prospective cohort study**
 N. Vlahos¹, M. Papatouka², O. Triantafyllidou¹, A. Vlachos¹, P. Vakas¹, G. Crimbizis³, G. Creatsas¹, K. Zikopoulos⁴
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- P-246** **Impact of circulating levels of total and bioavailable serum vitamin D on pregnancy rate in an egg donation program**
 A. Fabris¹, A. Pacheco¹, M. Cruz¹, J.M. Puente¹, J.A. García-Velasco¹
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- P-247** **Vaginal core body temperature assessment identifies pre-ovulatory body temperature rise and detects ovulation in advance of ultrasound folliculometry**
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- P-248** **Fresh single blastocyst transfers result in higher levels of initial β -hCG compared to fresh single cleavage embryo transfers**
 E. Esh-Broder¹, G. Oron¹, W.Y. Son¹, H. Holzer¹, T. Tulandi¹
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- P-250** **Maternal obesity effects on oocyte quality and compromises developmental ability**
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- P-251** **Transvaginal ultrasound-guided hydrosalpinx aspiration and fibrin sealant injection in infertile women with hydrosalpinges undergoing IVF treatment**
 C.H. Kim¹, J.Y. Min¹, J.W. Moon¹, K.H. Lee¹, S.H. Kim¹, H.D. Chae¹, B.M. Kang¹
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- P-252** **Serological testing for celiac and autoimmune thyroid diseases in infertile women suffering from endometriosis, unexplained infertility and recurrent miscarriage**
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- P-253** **The external validity of Live birth Predictive model in ART requires a specific assessment: a new proposal based on stagewise nested hypotheses**
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- P-254** **The impact of HLA-G levels and endometrial NK cells in the uterine flushing from primary and secondary unexplained female infertility**
 R. Rizzo¹, G. Lo Monte², D. Bortolotti¹, V. Gentili¹, A. Graziano², I. Piva², D. Di Luca¹, R. Marci²
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- P-255** **A prospective, randomized, double-blind, placebo-controlled Ph1 study to characterize the safety, tolerability, pharmacokinetic/pharmacodynamic profile of NT100, a novel rhG-CSF being developed for use during pregnancy**
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- P-256** **The likelihood of spontaneous conception following cessation of IVF & ICSI treatments**
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- P-257** **Advantages of three-dimensional sonographic hysterosalpingo-sonography with gel foam in the assessment of tubal patency**
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- P-258** **Ovarian reserve alterations in premenopausal women with chronic inflammatory rheumatic diseases - impact of rheumatoid arthritis, Behcet's disease and spondyloarthritis on anti-Muellerian hormone levels**
M. Henes¹, J. Froeschlin¹, F.A. Taran¹, S. Brucker¹, K. Rall¹, B. Lawrenz¹, J.C. Henes²
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- P-259** **Relationship of human chorionic gonadotropin levels after oocyte triggering with oocyte maturation and IVF outcomes**
C. Halicigil¹, O.A. Leylek², N. Kavci², A. Saltik³, B. Tiras⁴
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- P-260** **Impact of plasma and follicular fluid BMP15 levels on ICSI-ET cycle outcome**
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- P-262** **MIF as a potential biomarker of endometriosis**
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- P-263** **Endometrial thickness and pregnancy rates after IVF: a systematic review and meta-analysis**
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- P-264** **Oxidative stress in the follicle- is it responsible for low response in IVF in young patients**
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- P-265** **Human spermatozoa are killed specifically by candida albicans hyphae**
C. Staib¹, C. Albert¹, M. Schwab¹, U. Zollner¹, J. Morschhaeuser², J. Dietl¹, P. Staib³
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- P-266** **Association between genotype for a leukemia inhibitory factor (LIF) gene polymorphism in women and pregnancy outcomes after ART**
L.D. Vagnini¹, C.G. Petersen², A. Renzi¹, G.R. Oliveira-Pelegri¹, A.L. Mauri², A. Nicoletti², F.C. Massaro², M. Cavagna³, J.B.A. Oliveira², R.L.R. Baruffi², J.G. Franco Jr.²
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- P-267** **Ongoing pregnancy rates in intrauterine insemination are affected by late follicular phase progesterone levels**
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- P-268** **Should intrauterine inseminations be performed under ultrasound guidance**
J. Bancquart¹, T. Fréour¹, F. Leperlier¹, A. Colombel¹, S. Mirallié¹, P. Barrière¹
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- P-269** **Detection of follicle stimulating hormone receptor splicevariants in women undergoing in vitro fertilization**
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- P-270** **Low progesterone value on day of hCG yields increased implantation and live birth rate in high responders compared to poor responders in GnRH-antagonist IVF cycles**
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- P-271** **Evaluation of biological efficiency by live birth per oocyte ratio of over 2500 oocytes collected in mild stimulation IVF cycles**
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- P-272** **Outcomes of 11 years of assisted reproductive techniques in HIV infected women**
A. Sassi¹, F. Devreker², O. Goldrat², V. Zengbe², J.C. Goffard³, C. Liesnard⁴, M.L. Delforge⁴, C. Mélot⁵, Y. Englert²
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- P-273** **Cervical surgery and the fertility effect- cSAFE results**
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- P-274** **Intrauterine administration of autologous mononuclear cells (AMC) before embryo transfer (ET) in blastocyst stage: Is it useful approach in cases with recurrent implantation failure (RIF)**
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- P-275** **Early embryo development in terms of body composition by multifrequency bioelectrical impedance analysis**
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- P-276** **Effects of the antifreeze proteins on the vitrification of mouse oocytes: comparison of three different antifreeze proteins**
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- P-277** **The presence of FSH receptor polymorphism -29 G>A is associated with poor ovarian response in IVF/ICSI cycles**
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- P-278** **Correlation between antral follicle counts and the number of oocytes retrieved**
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- P-279** **Ovarian reserve and thyroid autoimmunity. A cross-sectional analysis using age-specific AMH levels**
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Male and female contraception

- P-280** **Two randomised clinical studies investigating the endocrine and clinical effects of normalising testosterone levels during oral contraception**
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Male and female fertility preservation

- P-281** **Measuring effects of cancer therapy upon female fertility**
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- P-282** **Natural and assisted fertility outcome in male cancer patient seeking fertility preservation**
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- P-283** **Efficacy of random - start controlled ovarian stimulation for emergency fertility preservation in cancer patients**
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- P-284** **Age adjusted incidence of poor response in fertility preservation patients is significantly higher compared to the standard sub-fertile population**
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- P-285** **Exogenous gonadotropin administration in cancer patients may improve meiotic competence of vitrified germinal vesicle stage oocytes but not survival rates when compared with unstimulated cycle**
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- P-286** **Influence of the culture system on the establishment of the estrogenic or progestagenic phenotype of human luteinizing granulosa cells**
 A.C. Rosa-e-Silva¹, A.A. Vireque¹, J.R. Campos¹, D.B. Dentillo¹, M.P. Bernuci¹, C.O. Campos¹, M.C. Jamur², R.A. Ferriani¹, M.F. Silva-de-Sá¹
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- P-287** **Oocyte cryopreservation after ovarian stimulation with gonadotropin and letrozole to save fertility in breast cancer**
 E. Porcu¹, L. Cipriani¹, G. Damiano¹, A. Bazzocchi¹, A. Bianchi¹, F. Albonetti¹, F. Fabbri¹, F. Dall'O¹, I. Orsili¹, S. Maestri¹, L. Notarangelo¹, S. Rossi¹, L. Orazi¹, S. Venturoli¹
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- P-288** **Vitrification does not increase the apoptosis incidence and caspase 3/7 activity in human ovarian tissue**
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- P-289** **Optimizing ovarian tissue quality prior to cryopreservation for fertility preservation - effects of mechanical separation on cell damage**
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- P-290** **In vivo optical imaging of immature mouse testicular tissue engineering by three-dimensional scaffolds for pre-pubertal male fertility preservation**
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- P-291** **The effects of Angiopoietin-2 on the transplanted mouse ovarian tissue**
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- P-292** **Physiological initiation of early follicular growth in fresh and frozen/thawed prepubertal murine ovarian tissue after dynamic in vitro culture**
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- P-293** **A history of abvd (adriamycin/bleomycin/vinblastine/dacarbazine) therapy for hodgkin lymphoma alters the number of oocyte cryopreserved after in vitro maturation in candidates for urgent fertility preservation**
 M. Grynberg¹, S. Le Parco², H. El Hachem², C. Sonigo¹, C. Sifer³, N. Frydman⁴
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- P-294** **Xenotransplantation of ovarian tissue into SCID-mice: does stimulation with human gonadotropins and GnRH agonist enhance and accelerate the developmental capacity of oocytes?**
 L. Lotz¹, I. Hoffmann¹, H. Schneider¹, J. Liebenthron², C. Fahlbusch¹, T. Hildebrandt¹, S. Cupisti¹, S. Nichols-Burns¹, M.W. Beckmann¹, R. Dittrich¹
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- P-295** **39 transplantations of cryopreserved ovarian tissue - experience of the network FertiPROTEKT**
 R. Dittrich¹, F. Nawroth², A. Germeyer³, A. Schüring⁴, J. Liebenthron⁵, L. Lotz¹, J.S. Krüssel⁶, M. Von Wolff⁷
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- P-296** **Follicle development after xenotransplantation of cryopreserved/thawed human ovarian tissue in SCID mice within 4 different observation periods**
 S. Ayuandari¹, K. Winkler¹, S. Hofer¹, S. Mikerevic¹, M. Paulitsch¹, D. Rosenfellner¹, L. Wildt¹, S.C. Ziehr¹
¹Innsbruck Medical University, Department of Gynecological Endocrinology and Reproductive Medicine, Innsbruck, Austria
- P-297** **Ovarian response among adolescent and young reproductive-aged women undergoing fertility preservation compared with healthy oocyte donors**
 K.N. Goldman¹, D.H. McCulloh¹, S.B. Druckenmiller¹, C. McCaffrey¹, N. Noyes¹
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- P-298** **The effect of FSH and activin A activation on Akt and pAkt protein levels of bovine ovarian follicles cultured in vitro**
 F. Tepekoy Ozcelik¹, G. Akkoyunlu¹
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- P-299** **Natural ovarian stimulation (natos): an innovative estradiol-sparing, multiple follicle protocol suitable for fertility preservation in women with breast cancer**
 E. Adda-Herzog¹, V. Gallot¹, A. Le Bras², L. Hesters², R. Fanchin²
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- P-301** **Use of combined oral contraceptive (COC) pill to schedule ovarian stimulation with letrozole for fertility preservation in breast cancer patients**
 N. Vulliamoz¹, M. Bellavia², I. Streuli³, M.P. Primi⁴, J.F. Delaloye⁵, D. Wunder¹, K. Zaman⁶, L. Perey⁶
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⁵Lausanne University Hospital, Breast Center, Department of Obstetrics and Gynaecology
⁶Lausanne University Hospital, Department of Oncology, Lausanne, Switzerland
- P-302** **Conventional versus slush nitrogen vitrification of human ovarian tissue**
 R. Talevi¹, V. Barbato¹, I. Fiorentino¹, S. Braun¹, S. Longobardi², R. Gualtieri¹
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²Merck Serono S.p.A., Medical Division, Roma, Italy
- P-303** **The research on the xenotransplantation of human frozen-thawed ovarian tissues in vitro culture in the presence of gdnf**
 F. Dong¹, Y.I.L.I. Wang¹, Y. Su¹, Y. Guo¹, L. Hu¹, F.A.N.G. Wang¹, Y. Sun¹
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- P-304** **Knowledge, attitudes and awareness regarding fertility preservation among cancer patients, oncologists and clinical practitioners in Lebanon**
 G. Ghazeeri¹, D. Zebian², A. Nassar¹, S. Harajly¹, A. Abdallah¹, S. Hakimian¹, B. Skaiff¹, J. Awwad¹
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²American University of Beirut, Dept. of Emergency Medicine, Beirut, Lebanon
- P-305** **Acute requests for cryopreservation of oocytes: a challenge for IVF-clinics**
 F. Mol¹, T. Dahhan¹, G.G. Kenter², F. Van der Veen¹, E.A.F. Dancet¹, M. Goddijn¹
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- P-306** **No effect of VEGF and bpV(HOpic), a potent inhibitor of PTEN, on primordial follicle growth activation in a human ovarian tissue xenotransplantation model**
 S. Klocke¹, C. Tappehorn¹, G. Griesinger¹
¹University Clinic of Schleswig-Holstein, Department of Reproductive Medicine and Gynecologic Endocrinology, Luebeck, Germany
- P-308** **Morphological and apoptotic evaluation of vitrified human ovarian tissue**
 R. Fabbri¹, M. Macciocca¹, R. Vicenti¹, G. Pasquinelli², S. Venturoli¹
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²S.Orsola Malpighi Hospital - University of Bologna, Clinical pathology - DIMES, Bologna, Italy

- P-309** **How do female patients experience fertility preservation counselling and decision-making**
W.L.D.M. Nelen¹, L. Bastings¹, O. Baysal¹, J. IntHout², M.A.F. Traas³, C.M. Verhaak⁴,
C.C.M. Beerendonk¹, D.D.M. Braat¹
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⁴Radboud University Medical Centre, Medical Psychology, Nijmegen, The Netherlands
- P-310** **Referral of female cancer patients for fertility preservation**
O. Baysal¹, L. Bastings¹, C.C.M. Beerendonk¹, D.D.M. Braat¹, W.L.D.M. Nelen¹
¹Radboud University Medical Center, Obstetrics and Gynaecology, Nijmegen, The Netherlands
- P-311** **Desire for children and self-reported mental health in 484 female and male survivors of cancer in reproductive age**
C. Lampic¹, G. Armuand¹, L. Wettergren¹, K. Rodriguez-Wallberg²
¹Karolinska Institutet, Neurobiology Care Sciences and Society, Stockholm, Sweden
²Karolinska Institutet, Clinical Science Intervention and Technology, Stockholm, Sweden
- P-312** **Human ovarian tissue viability before and after cryopreservation in a major European centre**
L. Bastings¹, J. Liebenthron², J.R. Westphal¹, C.C.M. Beerendonk¹, H. Van der Ven², B. Meinecke³,
M. Montag⁴, D.D.M. Braat¹, R. Peek¹
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³University of Veterinary Medicine Hannover, Department of Reproductive Biology, Hannover, Germany
⁴University of Heidelberg, Department of Gynecological Endocrinology and Fertility disorders, Heidelberg, Germany
- P-313** **Breakthrough in vitrification methods - a highly secure, safe and efficient aseptic method of vitrifying and storing oocytes for oocyte banking and all IVF indications**
B. Wirleitner¹, P. Vanderzwalmen², L. Hradeck³, Y. Prapas⁴, N.H. Zech⁵
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⁴IANENTRO Fertility Center, Thessaloniki, Greece
⁵IVF Centers Prof. Zech, IVF Centers Prof. Zech Bregenz, Bregenz, Austria
- P-314** **GnRH agonist Leuprolide acetat does not protect human ovary and granulosa cells from chemotherapy induced damage**
O. Oktem¹, G.N. Sahin¹, G. Bildik¹, E. Palaoglu², U. Ince³, E. Alper⁴, C. Taskiran¹, Y. Guzel⁴, B. Urman¹
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²American Hospital, Clinical laboratory, Istanbul, Turkey
³Acibadem University, Pathology, Istanbul, Turkey
⁴American Hospital, Women's Health Center Assisted Reproduction Unit, Istanbul, Turkey

- P-315** **Will women use their cryopreserved oocytes - a follow up study on reproductive choices and outcomes after freezing oocytes for medical reasons**
 T. Dahhan¹, E.A.F. Dancet¹, D.V. Miedema¹, F. Van der Veen¹, M. Goddijn¹
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- P-316** **Altering life goals: a qualitative longitudinal study exploring experiences of fertility and parenthood after cancer**
 G. Armuand¹, L. Wettergren¹, K. Rodriguez-Wallberg², J. Nilsson¹, C. Lampic¹
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Paramedical - laboratory

- P-317** **Comparison of data following in vitro fertilization (IVF) and intracytoplasmic sperm injection (ICSI) from split cycles in cases of no moderate or mild male factors**
 T. Kyoya¹, Y. Nakajo¹, Y. Sato¹, H. Hattori¹, Y. Nakamura¹, N. Matsukawa¹, C. Shitara¹, M. Takahashi¹, K. Kyono¹
¹Kyono ART Clinic, Dept. of Ob/Gyn, Sendai, Japan
- P-318** **Delivery of healthy babies derived from metaphase ii oocytes with smooth endoplasmic reticulum clusters**
 M. Takahashi¹, C. Shitara¹, N. Matsukawa¹, T. Kyoya¹, Y. Sato¹, H. Hattori¹, K. Kyono¹
¹Kyono ART Clinic, Dep. Ob/Gyn, Sendai, Japan
- P-319** **Clinical efficacy of multinucleated blastomeres (mnb)**
 Y. Sato¹, Y. Nakajo¹, Y. Nakamura¹, C. Shitara¹, M. Takahashi¹, K. Kyono¹
¹Kyono ART Clinic, Obstetrics and Gynecology, Sendai, Japan
- P-320** **Assisted hatching on rewarmed blastocysts significantly increases their ability to hatch**
 C. Westin¹, T. Hardarson¹
¹Carlanderska Sjukhemmet, Fertility Center Scandinavia, Göteborg, Sweden
- P-321** **Current use and quality assessment of IVF culture media - questionnaire study addressed to embryologists and culture media companies**
 E. Chronopoulou¹, J.C. Harper²
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²UCL centre for PG and D Institute for Women's Health University College London, The Centre for Reproductive and Genetic Health UCLH, London, United Kingdom
- P-322** **A study on the reliability of sperm counts measured in capillary-loaded and in coverslip counting chambers**
 J.G. Wijchman¹, E.G.J.M. Arts¹
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- P-323** **Genotype for a herpes virus-associated ubiquitin-specific protease (HAUSP) gene polymorphism in women and pregnancy outcomes after ART**
 A.L. Mauri¹, C.G. Petersen¹, L.D. Vagnini², A. Renzi², G.R. Oliveira-Pelegri², A. Nicoletti¹, F.C. Massaro¹, M. Cavagna³, J.B.A. Oliveira¹, R.L.R. Baruffi¹, J.G. Franco Jr.¹
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- P-324** **Embryonic genotype for a herpes virus-associated ubiquitin-specific protease (HAUSP) gene polymorphism and pregnancy outcomes after ART**
 F.C. Massaro¹, C.G. Petersen¹, L.D. Vagnini², A. Renzi², G.R. Oliveira-Pelegri², A.L. Mauri¹, J. Ricci¹, M. Cavagna³, J.B.A. Oliveira¹, R.L.R. Baruffi¹, J.G. Franco Jr.¹
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Paramedical - nursing

- P-325** **An unknown world: midwives and nurses' perspectives of their role in infertility care**
 G. Meucci¹, M. Naldoni¹, M. Ayoub¹, G. Ciappi¹, F. Salvini², C. Livi¹, M. Mannelli¹, S. Pellegrini², E. Chelo¹
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- P-326** **The impact of a group preparation seminar for Japanese couples considering the use of donor insemination (DI)**
 K. Shimizu¹
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- P-327** **Successful pregnancies following assisted reproductive technology (art) for cancer survivors**
 S. Miyatani¹, M. Kuchiki¹, M. Hattori¹, T. Kyoya¹, M. Doshida¹, M. Toya¹, E. Sakamoto², T. Takeuchi², K. Kyono¹
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- P-328** **Effects of an educational program to foster fertility awareness in teenage girls: a pilot-study**
 Y. Nagaoka¹
¹Ibaraki Prefectural University Of Health Sciences, Department of Nursing, Ibaraki, Japan
- P-329** **Improving patients performance on self-medication in a Brazilian IVF centre: nurses on action**
 A.L.S.R. Costa¹, M.C.B. Souza², A.C.A. Mancebo³, R.A. Antunes², M.M. Souza², P.C.F. Arêas³, T. Panaino²
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- P-330** **Factors influencing pain sensation during oocyte aspiration with conscious sedation**
 C. Hamilton¹, E. De Vaan¹, M. Cissen¹, N. Krols¹, J.W. Van der Steeg¹, J.P. De Bruin¹
¹Jeroen Bosch Hospital, Obstetrics and Gynaecology, 's-Hertogenbosch, The Netherlands
- P-331** **The knowledge of the increased risk of complications in multiple pregnancy does not affect the desire to transfer more than one embryo in IVF treatment**
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- P-332** **Surrogacy in India: who are the surrogates?**
 V.R.G. Rozée¹
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- P-333** **The role of boundary ambiguity: a new understanding on perinatal grief and psychological distress among chinese women who experience miscarriage after IVF**
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Psychology and counselling

- P-334** **Alexithymia, coping and fertility related stress**
 K. Gourounti¹, F. Anagnostopoulos², C. Venetis³, K. Lykeridou¹, G. Vaslamatzis⁴
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- P-335** **Sexual orientation and marital status of intended parents as seen by intended surrogates**
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- P-336** **Quality of life assessment in German female infertile patients: a prospective cohort study conducted at a university-affiliated infertility care center**
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- P-337** **Is fertility counselling offered and accepted by patients undergoing assisted reproduction? Insight from a British cohort of mixed ethnicity**
 N.F. Syed¹, M. Thomas¹, R. Venkatakrishnan¹, C. Freeman¹, J. Blower¹, T. Gelbaya¹, N. Potdar¹
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- P-338** **Myths about fertility and art success rates - results of the survey**
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- P-339** **Importance of psychological assessment in the screening of the sperm donors**
M. Bascuñana¹, R. Nuñez², M. Caballero Campo², P. Caballero²
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- P-340** **Psychological maternal-fetal attachment among pregnancies achieved with assisted reproduction treatments**
L. Navarro Aresti¹, A. Martínez Pampliega¹, I. Iraurgi Castillo¹, S. Martín Íñigo²,
G. Barrenetxea Ziarrusta^{2,3}
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- P-341** **Anxiety, depression and sexual dysfunction in women undergoing infertility treatment**
J. Park¹, J. Kim¹, J. Rhee¹
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- P-342** **Patients' attitudes towards embryo donation: a web-based survey**
C. Battistella¹, N.P. Polyzos¹, J. Nekkebroeck¹, G. Verheyen¹, H. Tournaye¹, D. Stoop¹
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- P-343** **A preliminary study on the fertility quality of life questionnaire relational scale: an analysis regarding its relationship with marital adjustment measures in Italian infertile couples**
L. Salerno¹, Z. Donarelli¹, S. Gullo², G. Lo Coco³, A. Marino⁴, A. Allegra⁴
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- P-344** **Women's attachment anxiety mediates the negative effect of the need for parenthood on psychological wellbeing: a cross-partner analysis**
M. Moura-Ramos¹, S. Gameiro², M.C. Canavaro¹
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²*University of Cardiff, School of Psychology, Cardiff, United Kingdom*

- P-345 Couple relationship quality (CRQ) influences women's and men's quality of life during the course of infertility treatment**
Z. Donarelli¹, G. Lo Coco², L. Salerno¹, A. Volpes³, S. Gullo⁴, A. Allegra³, C. Verhaak⁵
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- P-346 A randomised controlled trial assessing the impact of listening to music on women undergoing fertility treatment**
L.J. Stocker¹, K.L. Hardingham¹, J. Boivin², Y.C. Cheong¹
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- P-347 974,071 unique visitors to Mensfe.com, a self-help website for sub-fertile men, analysis of the five year period, 2009 and 2013**
P. Reilly¹, M. Pepperal¹, J.G. Grudzinskas²
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- P-348 Psychosocial factors associated with long-term emotional adjustment in couples who have ended fertility treatment**
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- P-349 The impact of stress and anxiety during embryo transfer on pregnancy rates: a prospective trial**
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C.M. Velloso³, A. Rodrigues³, N.E. Busso²
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- P-351** **Dropout rates in IVF with single embryo transfer, IVF in a modified natural cycle and IUI with ovarian hyperstimulation (INeS trial)**
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- P-352** **Infertility self-efficacy: the mediator effect between shame and infertility-related stress and depressive symptoms**
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- P-353** **How much does infertility really affect couples' sexuality - 460 patients' appraisal of sexual difficulties relative to other effects of infertility**
I. Furman¹, A. Espinoza¹, V. Repetto¹, A. Fuentes¹
¹Instituto de Investigación Materno-Infantil, Hospital Clínico San Borja Arriarán, Santiago, Chile
- P-354** **The value of children (VoC) to homosexual and heterosexual individuals**
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- P-355** **Impact of environment and tolerability of treatment on life satisfaction in infertile women**
A. Ghaheri¹, S. Maroufi Zadeh¹, R. Omani Samani¹, M. Karimi¹
¹Royan Institute for Reproductive Biomedicine ACECR, Department of Epidemiology and Reproductive Health at Reproductive Epidemiology Research Center, Tehran, Iran
- P-356** **Embryologists' health: results from a nation wide on line questionnaire in Spain**
A. Clavero¹, P. Jimena¹, M.C. Gonzalvo¹, L. Martinez¹, J. Mozas¹, J. Fontes¹, B. Romero¹, M. López-Regalado¹, M. Serrano¹, I. Orozco¹, M. Rodriguez¹, C. Carmona¹, V. Díaz¹, J.A. Castilla²
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- P-357** **Wellbeing and need for psychosocial support in cross-border oocyte recipients**
M.D. Cirera¹, S. Gameiro², D. García³, A. Rodríguez⁴, R. Vassena⁴, V. Vernaev⁴
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- P-358** **Severe depressive symptoms at baseline predict individual and partner infertility distress at year-one follow-up**
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- P-359** **Development and validation of the fertimed-questionnaire to assess hormonal fertility medication from the patient's viewpoint**
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- P-360** **There is not a day goes by that I don't think about it: The experience and meaning of male factor infertility to men**
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- P-361** **Male narratives on infertility and the couple relationship: a qualitative analysis of men weblogs**
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- P-362** **Presentation of the time-lapse video of the transferred embryo and changes of psychological status during the implantation period**
 K. Kitami¹, H. Ando¹, T. Takayanagi¹, H. Minamoto¹, N. Suzuki¹
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- P-363** **What about the donor after conception - a qualitative study on the meaning of the anonymous sperm donor in heterosexual families**
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- P-364** **Is infertility a taboo subject - attitudes towards infertility in different countries**
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- P-365** **More androgynous or less feminine is for better qol - a German-hungarian comparison study in fertility specific quality of life and traditional gender-role attitudes**
 R.E. Cserepes¹, A. Bugán¹, J. Kollár², T. Körösi³, B. Toth⁴, S. Rösner⁴, T. Strowitzki⁴, T. Wischmann⁵
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- P-366** **The influence of the polycystic ovary syndrome on couples' relational and sexual satisfaction**
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- P-368** **Men, masculinity and infertility treatment**
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- P-369** **The support and information currently provided by fertility counsellors to intended parents planning a child by embryo donation or double donation treatment**
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- P-370** **Exploring involuntary childlessness in men: a qualitative study investigating men's experiences and perceptions in the process of diagnostic, fertility treatment and quality of life**
 M. Häcker¹, S. Rösner², B. Toth², T. Strowitzki², T. Wischmann³
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- P-371** **Assisted Reproductive couples preferred twins: a questionnaire study**
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- P-372** **Fertility awareness and family intentions among Danish and British men and women - an internet-based survey**
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- P-373** **What do oocyte donors know about fertility - a survey about fertility knowledge, awareness, and attitude towards motherhood in candidates for oocyte donation in Spain**
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- P-374** **Fertility knowledge among adults in Japan, measured with the Japanese version of Cardiff Fertility Knowledge Scale (CFKS-J)**
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- P-375** **Effect of failure in infertility treatment on anxiety and depression**
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- P-376** **Depression among women in successful assisted reproduction technology treatment - a national register-based cohort study**
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- P-377** **Is it really necessary to push patients to be more 'optimistic' about their treatment**
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- P-378 Social egg freezing: profile and motivations of Dutch candidate women**
 A. Brewaeys¹, A.M. Kolodziejski¹, M. Brewaeys², H. Hulsbergen¹
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- P-379 What do couples think when deciding about freezing embryos?**
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Safety and quality of ART

- P-380 Does high dose hCG triggering bring favorable outcomes in IVF cycles with GnRH antagonist protocol**
 J. Bae¹, H. Koo¹, N. Sung¹, Y. Hwang¹, S. Cha¹, I. Song¹, H. Kim¹, M. Koong¹, I. Kang¹, E. Min¹, K. Yang¹
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- P-381 Prediction of preterm deliveries by cervical length measurement with catheter before embryo transfer in ICSI pregnancies**
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- P-382 Hospital costs from birth up to age five of multiples and singletons born by in vitro fertilization: a longitudinal 5-year follow-up study**
 C.D. Dirksen¹, M.M.J. Van Heesch¹, J.C.M. Dumoulin², M. Van der Hoeven³, C.E.M. Van Beijsterveldt⁴, G.J. Bonse⁵, R.H.M. Dykgraaf⁶, J.B. Van Goudoever⁷, C. Koopman-Esseboom⁸, W.L.D.M. Nelen⁹, K. Steiner¹⁰, P. Tamma¹¹, N. Tonch¹², P. Van Zonneveld¹³, J.L.H. Evers²
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- P-383** **Is the modified natural IVF cycle justified in patients with genuine poor response to controlled ovarian hyperstimulation**
A. Kedem¹, T. Tsur¹, J. Haas¹, G. Yerushalmi¹, A. Hourvitz¹, R. Machtinger¹, R. Orvieto¹
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- P-384** **Effect of low oxygen tension of culture conditions on neonatal outcome**
M. De Los Santos¹, P. Gamiz¹, J.M. De Los Santos¹, A. Galán¹, T. Vitoria¹, S. Pérez¹, J.L. Romero¹, J. Remohi¹, C. Albert¹
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- P-385** **A morphologically poor blastocyst might affect the implantation rate for a good blastocyst during a double blastocyst transfer**
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- P-386** **Congenital anomalies after assisted reproduction techniques (ART) and their correlation with embryo quality**
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³Instituto Bernabeu, Reproductive Medicine, Alicante, Spain
- P-387** **Should patients with at least a previous unsuccessful elective blastocyst transfer be offered an elective two blastocyst transfer in a subsequent FET treatment**
N. Purandare¹, N. Breslin¹, G. Ryan¹, K. Deignan¹, J. Furlong¹, S. Khalid¹, N. Ranisavljevic¹, C. Coughlan¹, E. Mocanu¹
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- P-388** **Guideline and practical technique of handling transabdominal ultrasonography transducer during embryo transfer**
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- P-389** **Does ovarian stimulation or laboratory procedures of assisted reproductive technologies affect the birth weight of the neonate**
T. Roseboom¹, R.I. Tjon-Kon-Fat¹, A.J. Bendsorp¹, S. Repping¹, A. Hoek², D.A. Hoozemans³, C. Koks⁴, R. Van Golde⁵, P.F. Van Bommel⁶, B.W.J. Mol⁷, F. Van der Veen¹, M. Van Wely¹
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- P-390** **Moving with the times: the changing landscape of IVF at New York University Langone Medical Center- NYU Fertility Center (NYUFC)**
 C. McCaffrey¹, J.A. Grifo¹, D.H. McCulloh¹, F. Licciardi¹, D. Keefe¹, B. Hodes-Wertz¹, K. Goldman¹, A. Berkeley¹, M.E. Fino¹, N. Noyes¹
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- P-391** **Congenital anomalies after a history of subfertility: a registry-based study in the Northern Netherlands**
 J. Seggers¹, M.L. Haadsma², J.E.H. Van Kammen-Bergman³, H. Groen⁴, M. Hadders-Algra¹, A. Hoek⁵, H.E.K. De Walle³
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- P-392** **Incidence of monozygotic twins with blastocyst single embryo transfer**
 L. Okada¹, R. Azambuja¹, V. Reig¹, A. Tagliani-Ribeiro¹, D. Kvitko¹, J. Michelon¹, F. Badalotti¹, R. Petracco¹, M.T. Sanseverino¹, M. Badalotti¹, A. Petracco¹
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- P-393** **The Groningen ART cohort study: does ovarian hyperstimulation, the in vitro procedure or a combination of both influence cognitive and behavioural development of 4-year-old IVF-offspring?**
 P. Schendelaar¹, S. La Bastide-Van Gemert², M.J. Heineman³, K.J. Middelburg³, J. Seggers¹, E.R. Van den Heuvel², M. Hadders-Algra¹
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- P-394** **Intracytoplasmic sperm injection (ICSI) and in vitro embryo culture (IVC) does neither affect neonatal body weight nor adult behavior in mice**
 C. Schwarzer¹, R. Dölling², V. Nordhoff³, S. Schlatt³, I. Ubben⁴, L. Lewejohann⁵, M. Boiani¹
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- P-395** **IVF conceived children Health: a retrospective growth study**
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- P-396** **Family functioning and psychological well-being of 5 to 6 -year-old singletons born after preimplantation genetic diagnosis; a prospective case-controlled matched study**
 C. Winter¹, F. Van Acker², M. Bonduelle¹, S. Desmyttere¹, J. Nekkebroeck¹
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- P-397** **“UNE 179007”: new quality standard for human art laboratories**
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- P-398** **Single embryo transfer vs. double embryo transfer in oocyte donation: a pilot randomized clinical trial**
 E. Clua¹, R. Tur¹, B. Coroleu¹, I. Rodríguez¹, M.J. Gómez¹, M. Boada¹, P.N. Barri¹, A. Veiga¹
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- P-399** **Comparison of the neonatal outcomes of children conceived from day 1 rescue ICSI and births from conventional ICSI cycles**
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- P-400** **Despite significant financial incentives many couples in the usa still decline elective single embryo transfers (eset)**
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- P-401** **Factors associated with ectopic pregnancy after in vitro fertilization and embryo transfer: an analysis of 23,317 transfer cycles**
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- P-402** **Culture media influence on birthweight of newborns following IVF**
 J. Zhu¹, M. Li¹, P. Liu¹, J. Qiao¹
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- P-403** **Assisted reproductive technologies (ART) have influence on first trimester usually used factors for Down’s syndrome screening**
 S. Bonne¹, O. Pirrello¹, E. Sauleau², C. Rongièrès¹, J. Ohl¹, K. Bettahar¹, L. Ladureau-Fritsch³, I. Koscinski³, I. Nisand¹, R. Favre⁴, N. Sananes⁴
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Reproductive (epi)genetics

- P-405** **Polymorphism R72 of P53 gene is associated with lower pregnancy and implantation rates in recipients undergoing IVF with donated oocytes**
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- P-406** **MSI selection in normozoospermic patients does not improve preimplantation genetic screening outcome**
F. Scarselli¹, V. Casciani¹, A.M. Lobascio¹, A. Colasante¹, L. Spizzichino², A. Biricik², A. Nuccitelli², K. Litwicka¹, F. Fiorentino², M.G. Minasi¹, E. Greco¹
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- P-407** **The application of post-light semiconductor-based next-generation sequencing in clinical cases of preimplantation aneuploidy screening (PGS) with fresh embryo transfer**
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- P-408** **A deep RNA sequencing study of mammalian sperm RNA: identifying common cross-species expression motifs indicating functionality**
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- P-409** **Polar body analysis by array comparative genomic hybridisation reveals a distinct aneuploidy pattern in women of advanced maternal age**
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- P-410** **Comparative genomic hybridization selection of blastocysts for repeated implantation failure treatment: a pilot study**
E. Greco¹, S. Bono², A. Ruberti¹, A.M. Lobascio¹, A. Biricik², M.T. Varricchio¹, L. Spizzichino², J. Tesarik³, M.G. Minasi¹, F. Fiorentino²
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- P-411** **The first clinical use of the next generation sequencing in preimplantation genetic diagnosis of Robertsonian translocation - case report**
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- P-412** **Preovulatory aging of murine oocytes affects transcript levels and poly(A) tail length of maternal effect genes**
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- P-413** **Is embryo score correlated with aneuploidy type**
M. Ariza¹, M.C. Nogales¹, E. Martínez¹, A. Liñán¹, F. Bronet¹
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- P-414** **Functional analysis of a novel preimplantation-specific gene Zfp371**
S. Ogawa¹, T. Hamatani¹, H. Akutsu², M. Yamada¹, K. Sugawara¹, O. Inoue¹, T. Yamada¹, S. Kamijo¹, T. Takemoto¹, S. Toda¹, S. Wakamatu¹, A. Umezawa², N. Kuji¹, D. Aoki¹, Y. Yoshimura¹
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- P-415** **The clinical value for re-biopsy, frozen and thaw of test-failure blastocysts in preimplantation genetic diagnosis cycle**
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- P-416** **Rapid sequential aneuploidy screening in oocytes with digital PCR**
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- P-417** **Detection of Y-chromosome in human embryonal culture medium before embryo transfer: a non-invasive method to predict gender, the prerequisite of further investigating gender-specific abnormalities**
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- P-418** **Preimplantation genetic diagnosis of single-gene disorders: experience for 74 different monogenic conditions**
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- P-419 Children born after biopsy of morula-stage embryos**
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- P-420 Chromosome segregation analysis of day-3 embryos from carriers of structural chromosome abnormalities in PGD cycles using arrayCGH**
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- P-421 DNA copy number variations in women with premature ovarian insufficiency**
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- P-422 Identification of non-parthenogenetic and euploid blastocysts from one pronuclear oocyte for embryo transfer by single nucleotide polymorphism (SNP) array**
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- P-423 The segregation pattern study of heterologous Robertsonian translocations**
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- P-424 Predictive value of sperm FISH analysis on the outcome of preimplantation genetic diagnosis for pericentric inversion carriers**
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- P-425 FISH is equivalent to SNP array for preimplantation genetic diagnosis on young translocation carriers undergoing day 5 biopsy**
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- P-426 Pregnancy rates after preimplantation genetic diagnoses on polar bodies using CGH**
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- P-427 Meiotic chromosome behaviors and sperm aneuploidy in an infertile man with 46,XY/45,X (50/50) mosaic karyotype**
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- P-428 The applicability of targeted capture and massively parallel sequencing in preimplantation genetic diagnosis for monogenic diseases**
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- P-429 Association between embryonic genotype for the TP53 codon 72 polymorphism (rs1042522) and clinical outcomes after ART**
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- P-430 Preimplantation genetic screening is not necessary for blastocysts resulting from vitrified donor eggs**
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- P-431 The selection of cryopreserved euploid blastocysts with array comparative genomic hybridization (ACGH) increases pregnancy outcome across all age groups**
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- P-432 Are female carriers of inversions at risk for accelerated ovarian aging**
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- P-433 First study to review the outcome of preimplantation genetic diagnosis (PGD) for fragile X syndrome, using pre preimplantation genetic haplotyping (PGH)**
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- P-434 The detection of single aneuploidies by Polar Body (PB) analysis is predictive of the euploid / aneuploid condition for that chromosome in the corresponding embryo**
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- P-435** **Establishment of a combined Day5/Day 6 trophoctoderm biopsy strategy can maximize the embryo utilization and clinical outcome in comprehensive chromosomal screening (CCS) cycles**
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- P-436** **Re-defining the concept of advanced maternal age in Indian patients with implantation failure**
 P. Mir Pardo¹, M. Banker², N. Mahajan³, R. Chopra¹, R. Khajuria¹, K. Sachdeva¹, L. Rodrigo⁴, J.A. Velasco⁵, C. Simon⁶, C. Rubio⁴
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- P-437** **Preimplantation genetic diagnosis, prenatal diagnosis and other reproductive options for couple carriers of genetic diseases: comparison of the efficacy and acceptance**
 L. Buil Lanaspá¹, J.C. García Lozano¹, M.D. Lozano Arana¹, B. Sanchez Andujar¹, A. Peciña¹, S. Borrego¹, G. Antiñolo Gil¹
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- P-438** **Fetal fraction of cell free fetal DNA from maternal plasma is higher for in vitro fertilization (IVF) pregnancies than in natural conceived ones**
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- P-439** **Morphokinetics and aneuploidy risk on human embryos: are they really correlated?**
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- P-440** **What to expect if you are a chromosomal rearrangement carrier: prognostic values after Preimplantation Genetic Diagnosis (PGD)**
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- P-441** **Identifying the key regulating genes in DOR by studying interaction and enriched sub-networks pathways**
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- P-442** **The role of septin12 codon474 g>a polymorphism in male infertility**
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²Istanbul Fertility and Women's Health Center, Embryology Laboratory, Istanbul, Turkey
- P-443** **What is the minimal number of MII oocytes or day-3 embryos for a successful comprehensive chromosomal Screening (CCS) cycle**
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- P-444** **Copy number changes in normal human fetuses could be residues from genome instabilities in preimplantation development**
M. Bazrgar¹, H. Gourabi¹, A. Karimpour-fard², P. Borjian¹, M. Zamani Esteki³, T. Voet³, N.A. Davani³, K. Anisi¹, M. Banai⁴, Z. Kuroshli¹, B. Movaghar⁴, S. Borna⁵, M.R. Valojerdi⁴, J.R. Vermeesch³
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- P-445** **Is it obligatory to apply trophoctoderm biopsy on the fifth day**
H. Yelke¹, Y. Kumtepe¹, Z. Atayurt¹, S. Yildiz¹, C. Pirkevi¹, H.A. Tac¹, C.G. Ekmekci¹, M. Cetinkaya¹, S. Kahraman¹
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- P-446** **Mutation analysis of Phospholipase C Zeta (PLC?) in patients with low fertilisation rate**
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- P-447** **Preimplantation genetic screening as a useful tool to lower the risk of adverse reproductive outcomes in good-prognosis patients undergoing in vitro fertilization**
F. Spinella¹, M.G. Minasi², A. Biricik¹, S. Bono¹, L. Spizzichino¹, A. Ruberti², M. Barberi², A. Lobascio², F. Fiorentino¹, E. Greco²
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- P-448** **Aneuploidy screening of human blastocysts derived from PGS patients using next-generation sequencing**
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- P-449** **No difference in embryo development and aneuploidy rates between successful and unsuccessful cycles following embryo transfer of euploid embryo(s) for patients with advanced maternal age**
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- P-450** **Relevance of single nucleotide polymorphism on p53, IL-11, IL-10 and VEGF in patients with repeated implantation failure and pregnancy loss**
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- P-451** **A comparison of aneuploidy rates between Asian and Caucasian patients**
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- P-452** **The FSH receptor genotype affects responsiveness to controlled ovarian stimulation in normogonadotrophic women treated with GnRH-a long protocol plus recombinant FSH**
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- P-453** **Development of an NGS-based solution for the identification of individuals carrying recessive genetic mutations in reproductive medicine**
 B. Rodríguez-Santiago¹, A. Abul², M. Garcia-Aragón¹, M. Boada², X. Armengol¹, M. Parriego², E. Clua², M. Del Campo², B. Coroleu², A. Veiga², X. Estivill², L.A. Pérez-Jurado³, L.L. Armengol¹, P.N. Barri²
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³Universitat Pompeu Fabra, Genetics Unit. Health and Experimental Sciences Department, Barcelona, Spain
- P-454** **Validation of various embryo morphokinetic models for assessing aneuploidy risk in day 3 and day 5/6 PGS biopsies**
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- P-455** **A model to assess aneuploidy risk based on early morphokinetic parameters and femal age for both day 3 and day 5 biopsied embryos**
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- P-456** **Differences in ploidy do not affect morphokinetic characteristics of embryos time-lapse-imaged up to the 8-cell stage after polar body diagnosis**
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- P-457** **Comparison of efficacy and safety of hCG trigger and a “dual trigger” in high responders undergoing fresh embryo transfer**
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- P-458** **Estrogen receptor gene variants affect the follicular outcome of standard gonadotropin stimulation**
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- P-459** **Supplementation of luteinizing hormone LH to follicle stimulating hormone fsh during ovarian stimulation is beneficial for poor ovarian responder - a matched pair controlled multicentre study**
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- P-460** **Oxidative stress affects FSH response in human granulosa-lutein cells**
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- P-461** **Importance of IL-18 in serum and follicle fluid in the context of fertility treatment**
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- P-462** **Antral follicle count on any day of the menstrual cycle strongly predicts ovarian response in IVF**
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- P-463** **The ovarian stimulation method can cause oxidative stress in the follicular fluid**
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Elevated early follicular progesterone levels and IVF outcomes: a prospective intervention study and meta-analysis

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Comparisons of adiponectin and adiponectin receptors in human granulosa cells in obese and non-obese patients with poly cystic ovary syndrome

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Cryopreserved / warmed blastocyst transfer: comparison among hormonally controlled cycles without pituitary desensitization, natural cycles after spontaneous ovulation and hCG-primed natural cycles

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- P-467** **Follicular fluid leptin help to predict in vitro fertilization outcomes**
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- P-468** **Effect of PCOS on omentin-1, androgens, biochemical glycemc and lipid profile in pubertal girls with normal body mass index**
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- P-469** **Women diagnosed with Polycystic Ovary Syndrome with or without hyperandrogenemia; what are the true differences**
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Antral follicle counts: the application of 3D ultrasound in childhood cancer survivors

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Significant differences in gene expression and ontology profile exist between human granulosa and cumulus cells surrounding mature oocytes

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The effects of folate supplementation on inflammatory factors and biomarkers of oxidative stress in overweight and obese women with polycystic ovary syndrome

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- P-473** **Levels of oxidative stress markers in follicular fluid of women undergoing IVF**
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- P-474** **Benefit of dual trigger with GnRH agonist and hCG in women with high percentage of immature oocytes retrieved**
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- P-475** **CAG and GGN repeats in androgen receptor gene and its potential epigenetic effects in polycystic ovary syndrome (PCOS)**
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- P-476** **The effects of DASH diet on lipid profiles and biomarkers of oxidative stress in overweight and obese women with polycystic ovary syndrome: a randomised clinical trial**
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⁴Food Security Research Center Isfahan University of Medical Sciences Isfahan Iran, Department of Community Nutrition, Isfahan, Iran
- P-477** **DASH diet, insulin resistance and inflammation in polycystic ovary syndrome: a randomized controlled clinical trial**
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- P-478** **The use of a P73 gene polymorphism as a biomarker for the ovarian response to recombinant FSH stimulation**
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- P-479** **Clomiphene citrate at low dosages reduces the rate of premature ovulation and increases the transfer rate per cycle in natural cycle IVF**
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- P-480** **Analysis of ovarian function following chemotherapy for early breast cancer using an ultra-sensitive AMH assay**
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²Western General Hospital, Edinburgh Breast Unit and Edinburgh University Cancer Research Centre, Edinburgh, United Kingdom
- P-481** **Oocyte triggering in overweight and obese patients who undergo ICSI: 250 µg versus 500 µg recombinant hCG**
 I. Selcuk¹, G. Bozdogan¹, L. Karakoc Sokmensuer¹, I. Esinler¹
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- P-482** **Effects of cabergoline administration for the prevention of OHSS upon the levels of VEGF, VEGFR-1 and VEGFR-2 in high-risk IVF/ICSI patients**
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- P-483** **Prostaglandin therapy during the proliferative phase improves pregnancy rates following frozen embryo transfer in a hormone replacement cycle**
 R. Sugiyama¹, K. Nakagawa¹, M. Kaneyama¹, Y. Ojiro¹, H. Jyuen¹, Y. Nishi¹, H. Motoyama¹, R. Sugiyama¹
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- P-484** **Circulating irisin underscores the development of polycystic ovary syndrome**
 C.L. Chang¹, S.Y. Huang¹, Y.K. Soong¹, P.J. Cheng¹, C.J. Wang¹, I.T. Liang¹
¹Chang Gung Memorial Hospital Linkou Medical Center, OB/GYN, Taoyuan, Taiwan R.O.C.
- P-485** **Thyroid axis dysregulation during in vitro fertilization in hypothyroid-treated patients**
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- P-486** **Phase I dose-ranging study of a recombinant human follicle-stimulating hormone (rhFSH) in healthy female volunteers**
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- P-487** **Changes of PCOS (polycystic ovary syndrome)-related symptoms in mothers vs non-mothers during long-term follow-up: the LIPCOS-Trial**
 M. Schmidmayr¹, L. Sperl¹, J. Stassek¹, F. Ohnolz¹, V. Seifert-Klauss¹
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- P-488** **Impact of an oestradiol drop prior to human chorionic gonadotrophin administration on live-birth rates following gonadotrophin-releasing hormone antagonist co-treated cycles**
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- P-489** **PCOS in Asian vs. Caucasian women and in first vs. second generation Asian women; a comparative analysis**
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- P-490** **Effect of AMH on granulosa-lutein cells response to gonadotropins**
S. Sacchi¹, F. Marinaro¹, S. Giulini¹, C. Argento¹, T. Marsella¹, F. Bastai¹, D. Tagliasacchi¹, A. Tirelli¹, A. La Marca¹
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- P-491** **Relation between serum progesterone at the end of controlled ovarian stimulation and treatment outcome across type of gonadotropin preparations**
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- P-492** **Relation between dose of FE 999049, a recombinant FSH derived from a human cell-line, used for controlled ovarian stimulation and number of oocytes, embryos and blastocysts**
J.C. Arce¹, A. Nyboe Andersen², M. Fernández-Sánchez³, H. Visnova⁴, E. Bosch⁵, J.A. García-Velasco⁶, P. Barri⁷, P. De Sutter⁸, B.M. Klein⁹, B.C.J.M. Fauser¹⁰
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¹⁰*UMC Utrecht, Division Women & Baby, Utrecht, The Netherlands*
- P-493** **Impact of body weight of IVF/ICSI patients on the pharmacokinetics and pharmacodynamic responses to FE 999049, a recombinant FSH derived from a human cell-line**
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- P-494** **The influence of patient-specific variables and dose-response modelling in controlled ovarian stimulation with FE 999049, a human recombinant FSH derived from a human cell-line**
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- P-495** **Anti-Mullerian hormone in female hypogonadotrophic-hypogonadism**
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- P-496** **Beneficial role of ethinyl estradiol in prevention of anti-estrogenic effects of clomiphene citrate in polycystic ovary syndrome patients undergoing intrauterine insemination: a randomized clinical trial**
 M. Ashraf¹, N. Jahangiri¹, F. Ahmadi², J. Ahmadi¹
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- P-497** **Live birth rates in women with recurrent miscarriage and thyroid peroxidase antibodies**
 R. Vissenberg¹, E. Fliers², J.A.M. Van der Post³, M. Van Wely¹, P. Bisschop², M. Goddijn¹
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- P-498** **Follicular development following transvaginal injection of autologous adipose-derived mesenchymal stromal cells to ovaries in premature ovarian failure patients**
 T. Fang¹, L.J. Ding¹, G.J. Yan¹, H.X. Sun¹, Y.L. Hu¹
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- P-499** **Transforming growth factor-beta1 decreases progesterone production by down-regulating StAR expression through Smad2/3 and ERK1/2 signaling pathways in human granulosa cells**
 L. Fang¹, H.M. Chang², J.C. Cheng², P.C.K. Leung², Y.P. Sun¹
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- P-500** **Discrepancy between antimüllerian hormone and antral follicle count: 'The winner is'**
 M. Devesa¹, F. Martínez¹, R. Tur¹, R. Buxaderas¹, C. González¹, I. Rodríguez¹, M. Boada¹, B. Coroleu¹
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- P-501** **Corifollitropin alfa in a GnRH antagonist protocol for poor ovarian responder patients - a new alternative - a prospective, non randomized, controlled study**
 C. Alvarez¹, J. Sánchez¹, A. Flores¹, A. Pérez¹, M. Martinez-Moya¹
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- P-502** **The exogenous progesterone free luteal phase in IVF - exploring a new concept**
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- P-503** **Interest of serum leptin measurement during controlled ovarian stimulation in obese patients undergoing IVF cycles**
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²CHU Nantes, Laboratoire de biochimie, Nantes, France
- P-504** **Polycystic ovarian syndrome (PCOS) follicles produce more serum Anti Mullerian Hormone (AMH) per antral follicle than follicles in normal ovaries: an in-vivo comparative study**
P. Bhide¹, M. Dilgil¹, A. Gudi¹, A. Shah¹, R. Homburg¹
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- P-505** **Timing of ovarian stimulation in patients prior to chemo- or radiotherapy - an analysis of 674 stimulations**
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- P-506** **The effect of FSH administration on the day of hCG trigger in COH IVF cycles**
I.H. Park¹, K.H. Lee¹, H.G. Sun¹, S.G. Kim¹, J.H. Lee¹, Y.Y. Kim¹, S.A. Kim¹, J.D. Cho², Y.J. Yoo²
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- P-507** **Correlation between the serum luteinizing hormone/follicle-stimulating hormone ratio and the anti-Müllerian hormone levels in normo-ovulatory women**
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- P-508** **Does multiple attempts at embryo transfer have an effect on clinical pregnancy rates**
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- P-509** **Ovarian response and cumulative live birth rate of women undergoing in-vitro fertilisation who had discordant anti-Mullerian hormone level and antral follicle count**
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- P-510** **A comparison of the second-generation Beckman Coulter IVD and first-generation AnshLabs ELISA assays for anti-Müllerian hormone in patients undergoing IVF treatment**
A. Lukaszuk¹, K. Lukaszuk¹, M. Kunicki², W. Kuczynski³, B. Ludwikowska¹, J. Liss¹, I. Malinowska¹, A. Bednarowska², E. Pastuszek⁴, P. Kuc⁵
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- P-512** **A randomized clinical trial comparing Minimal Stimulation IVF with single embryo transfer to conventional IVF with double embryo transfer**
J. Zhang¹, M. Feret¹, J. Luk¹, S. Repping², D. Bodri¹, L. Chang¹, M. Yang¹, E. Nejat¹, A. Chavez³, F. Van der Veen², M. Van Wely²
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- P-513** **Evaluation of polymorphisms in BMP15 gene in infertile women and its correlation with results of controlled ovarian stimulation**
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- P-514** **The effects of preconception TSH levels on ART outcome in 8657 cycles**
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- P-515** **Investigation and resolution of the effect of an interfering factor in the Beckman Coulter Anti-Müllerian Hormone (AMH) Gen II ELISA assay**
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- P-516** **Pre-analytical assessment of AMH stability in human serum using a well characterized midpro-mature immunoassay**
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- P-517** **The relation between age, AMH and other ovarian reserve parameters: comparison of a healthy population of women with regular menstrual cycle with infertile patients**
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- P-518** **Prolactin may influence mechanical properties of large and small arteries in healthy regularly menstruating women of reproductive age**
R. Spaczynski¹, A. Mitkowska¹, M. Florczak², B. Banaszewska¹, T. Krauze², P. Guzik², L. Pawelczyk¹
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- P-519** **Low amh levels as a marker of reduced ovarian reserve in young women affected by down syndrome**
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- P-520** **AMH and AMHR2 gene polymorphisms in infertile women and the correlation with assisted reproduction outcomes**
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- P-521** **Does the duration of GnRHa use in long protocol IVF/ICSI affect the stimulation phase and outcome of therapy**
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- P-522** **Metformin versus myoinositol: which one is better in obese pcos patients - a crossover study on clinical, endocrine and metabolic effects**
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- P-524** **Comparison of results of two flexible ovarian hiperstimulation protocols with two different initial doses (150 VS = 225 UI) in patients undergoing FIV/ICSI cycles**
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- P-525** **Comparison of metformin and simvastatin administration in women with polycystic ovary syndrome before intracytoplasmic sperm injection cycle; a prospective, randomized, clinical trial**
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- P-526** **Is there a role of progesterone elevation on the day of hCG trigger on IVF cycle outcomes?**
G. Sahin¹, E.N. Tavmergen Goker¹, A. Akdogan¹, M. Yamazhan¹, N. Calimlioglu¹, E. Beypars¹, E. Tavmergen¹
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- P-527** **Optimal ovarian stimulation for good prognosis patients in the in vitro fertilization program**
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- P-528** **Comparing the endocrine secretion of cultured human granulosa luteinized cells of women undergoing FSH- and FSH/LH-stimulation**
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- P-529** **High-fat diet in the development of polycystic ovary syndrome in a rat model**
H. Zhang¹, Y. Zhao¹, L. Yan¹, Y. Yu¹, J. Yang¹, J. Yan¹, J. Qiao¹
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- P-530** **Prevention of ovarian hyperstimulation syndrome by administration of gonadotrophin-releasing hormone antagonist in high-risk patients after oocyte retrieval**
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- P-531** **Disturbed serum adipokines levels in normal-weight, normoinsulinemic four phenotypes of polycystic ovary syndrome**
D.P. Baldani¹, L. Skrgatic¹, G. Zlopasa¹, S. Kralik Oguic², K. Gersak³, V. Simunic¹
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³University Medical Center Ljubljana, Department of Obstetrics and Gynecology, Ljubljana, Slovenia
- P-532** **Involvement of bone marrow-derived vascular progenitor cells in neovascularization during follicular development in mice**
M. Okada¹, H. Asada¹, H. Tamura¹, N. Sugino¹
¹Yamaguchi University School of Medicine, Obstetrics and Gynecology, Ube, Japan
- P-533** **Simplified consecutive natural cycles IVF compare favorably to stimulated ones in good prognosis patients**
M. Mastrominas¹, C. Karamalegos², C. Papanikopoulos¹, A. Pachydakis¹, V. Koufomichail¹, M. Argyrou², P. Sissi², A. Karagianni², K.A. Economou², C. Mentorou², S. Davies²
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- P-535** **The utility of Anti-Müllerian Hormone in diagnosing Polycystic Ovary Syndrome amongst women presenting to an infertility clinic**
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- P-536** **Ovarian response prediction in controlled ovarian stimulation with 150µg corifollitropin alfa in a GnRH-antagonist protocol**
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- P-537** **Cochrane review: Androgens(dehydroepiandrosterone or testosterone) for women undergoing assisted reproduction**
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- P-538** **Effect of anti-mullerian hormone (AMH) and bone morphogenetic protein 15 (BMP-15) on steroidogenesis in primary-cultured human luteinized granulosa cells**
 E. Prapa¹, A. Vasilaki², E. Katsiani¹, P. Gewrgoulas³, C. Messini¹, G. Anifandis¹, K. Dafopoulos¹, I.E. Messinis¹
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³University of Thessaly, Department of Nuclear Medicine, Larissa, Greece
- P-539** **Inadequacy of initiating rosuvastatin then Metformin on biochemical profile of polycystic ovarian syndrome patients**
 J. Awwad¹, H.A. Abbas¹, B. Skaff¹, S. Harajley¹, G. Ghazeeri¹
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- P-540** **Is COMT polymorphism a risk factor to premature ovarian insufficiency**
 E.B. Cordts¹, M. Santos¹, B. Bianco², C.P. Barbosa¹, D.M. Christofolini²
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- P-541** **Investigation of PPAR signalling in human granulosa cells (hGCs) obtained from IVF patients under different regimens of ovarian stimulation**
 M. Vitti¹, E. Benedetti¹, G. Di Emidio¹, M. Di Carlo¹, M. Vento², R. Ciriminna³, A.M. Cimini¹, P.G. Artini⁴, C. Tatone¹
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- P-542** **Factors affecting IVF outcome after conservative treatment with oral progesterone with or without LNG-IUS in patients with stage Ia endometrial adenocarcinoma**
 M.J. Kim¹, J.W. Kim¹, E.M. Chang¹, S.W. Lyu¹, W.S. Lee¹, T.K. Yoon¹, S.J. Seong², Y.S. Kim¹
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- P-543** **Effect of ovarian stimulation on embryo implantation: analysis of 402,185 stimulated and 1981 unstimulated IVF cycles**
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- P-544** **hMG induced LH-activity in short flare GnRH-agonist protocol: Is there any effect on follicular fluid adiponectin levels and adiponectin receptors expression in cumulus cells?**
 V. Dinopoulou¹, G.A. Partsinevelos¹, C. Michailidou¹, D. Mavrogianni¹, K. Kallianidis¹, P. Drakakis¹, D. Loutradis¹
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- P-545** **Ovarian endometrioma is associated with increased AMH levels**
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- P-546** **Effect of addition of growth hormone to gonadotrophins in ovarian stimulation of poor responders in IVF**
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- P-547** **Is the addition of DHEA in the poor responders top or flop?**
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- P-548** **The change in serum AMH levels during ovulation induction in anovulatory infertility is related to mono- versus multifollicular development**
 M.P. Lauritsen¹, A. Pinborg², A. Loft¹, A. Nyboe Andersen¹
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- P-549** **Strategy to prevent the failure of GnRH agonist (GnRH-a) to trigger final oocyte maturation in patients with high risk of OHSS stimulated with antagonist protocol**
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²IVF CUBE, Leading Embryologist, Prague, Czech Republic
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- P-550** **Corticotropine-releasing hormone receptor 1 (CRHR1) is differentially expressed during human follicle maturation and is up-regulated in ovarian endometriosis**
R. Pavlik¹, T. Vrekoussis¹, S. Heublein¹, S. Hecht², C. Thaler², U. Jeschke¹
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- P-551** **Frozen thawed embryo transfer: natural or artificial cycle?**
E.R. Groenewoud¹, A.E.P. Cantineau¹, B.J. Kollen², N.S. Macklon³, B.J. Cohlen⁴
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³Faculty of Medicine University of Southampton, Department of Obstetrics and Gynaecology Division of Human Development and Health, Southampton, United Kingdom
⁴Isala Clinics, Fertility Centre Isala, Zwolle, The Netherlands
- P-552** **Does FSH surge at the time of HCG trigger improves IVF/ICSI outcomes - a randomized, double-blind, placebo-controlled study**
Q. Qiu¹, Y.D. Chen¹, J. Huang¹, Y. Li¹, X.L. Chen¹, D.Z. Yang¹, Q.X. Zhang¹
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- P-553** **In women with reduced ovarian reserve does stimulation with 600IU of gonadotrophin offer any advantage over a lower 300-450 IU dose**
S. Khalid¹, K. Diegnan¹, F. Sutton¹, N. Ranisavljevic¹, N. Prundare¹, E. Mocanu¹
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- P-554** **Multicenter, prospective study evaluating the first fully automated immunoassay for anti-Müllerian hormone (AMH) for the assessment of ovarian reserve on the cobas® e analyzers**
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³Roche Diagnostics GmbH, Biostatistics, Penzberg, Germany
- P-555** **First fully automated immunoassay for anti-Müllerian hormone (AMH) on the cobas® e analyzers**
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- P-556** **Which results in IVF/ICSI when the rate of AMH and FSH are discordant?**
F. De Marcillac¹, P. Sagot², C. Rongieres¹
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- P-557** **Variability between centers in antral follicle counts and numbers of oocytes retrieved following ovarian stimulation**
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- P-558** **Impact of dose of recombinant FSH on the number of oocytes retrieved in women with high antral follicle counts**
 M. Schenk¹, A. Beltsos², B.J. Stegmann³, K. Gordon³, P. Verweij⁴
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- P-559** **Impact of oral contraceptives on luteinizing hormone levels during ovarian stimulation with recombinant follicle-stimulating hormone in gonadotropin-releasing hormone antagonist cycles: data from the Xpect trial**
 A. Nyboe Andersen¹, K. Gordon², B. Stegmann², P. Verweij³
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- P-560** **Psychopathological profile in polycystic ovary syndrome (PCOS): an intergrated interdisciplinary approach**
 C. Lepadatu¹, D. Leone², E. Garzia¹, V. Galiano¹, L. Borghi², E. Vegni², P. Sulpizio²
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- P-561** **Prolonged estradiol exposure may compromise pregnancy rates in embryo transfers in artificially prepared frozen-thawed cycles**
 A. Vaiarelli¹, N.P. Polyzos¹, L. Van Landuyt¹, H. Tournaye¹, D. Stoop¹
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- P-562** **ThyrART: embryo quality and reproductive outcome after IVF according to maternal thyroid function and autoimmunity**
 G. Mintzioti¹, D.G. Goulis¹, E.M. Kolibianakis¹, J.K. Bosdou¹, K. Chatzimeletiou¹, G.F. Grimbizis¹, B.C. Tarlatzis¹
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- P-563** **Successful pregnancies with postprandial glycemia reduction using sitagliptin in women with repeated assisted reproductive technology failure**
M. Jinno¹, A. Watanabe¹, R. Hiura¹, N. Hatakeyama¹, S. Uchikoshi¹, S. Nicolae², M. Takeuchi³
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- P-564** **Sleep disturbances in a community-based sample of women with polycystic ovary syndrome**
V. Moore¹, L.J. Moran², W. March², M.J. Whitrow², L.C. Giles¹, M.J. Davies²
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²*University of Adelaide, Robinson Institute, Adelaide, Australia*
- P-565** **Dual oocyte retrievals in multiple waves of folliculogenesis in patients with poor response for controlled ovarian stimulation**
J. Jung¹, M. Ryu¹, M. Chung¹, J. Kim¹, H. Jeong¹, M. Kim¹, H. Lee¹
¹*Seoul Rachel Fertility Center, Obstetrics and Gynecology, Seoul, Korea South*
- P-566** **The effect of preceding ovulation and FSH on bone metabolism in women undergoing controlled ovarian stimulation**
V. Seifert-Klauss¹, A. Ritzinger¹, M. Schmidmayr¹, B. Lesoine², D. Berg²
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- P-567** **Pregnancy and neonatal outcome following ovulation induction with the aromatase inhibitor letrozole and clomiphene citrate**
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- P-568** **Clinical pregnancy and live birth rates in in vitro fertilization are dependent on the physician performing the embryo transfer; a study of 10780 cycles**
M. Kavrut¹, M. Onal¹, A. Cil¹, N. Gungor¹, F. Aybar¹, H. Akbas¹, S. Kahraman¹
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- P-569** **Efficacy of GnRH agonist supplementation for luteal phase support**
C.M.M. Brigante¹, M. Mignini Renzini¹, R. Comi¹, I. Caliani¹, F. Benedetti¹, M. Mastrolilli¹, A. Villa¹, T. Guarneri¹, R. Fadini¹
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Reproductive epidemiology and health economy

- P-570** **Awareness of factors affecting future fertility in young men and women**
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- P-571** **Association between the number of oocytes collected in a single oocyte pick-up (OPU) and the success of assisted reproductive technology (ART) treatment**
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- P-572** **Analysis of factors associated with spontaneous live birth following cessation of IVF and ICSI treatments**
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- P-573** **Relationship between causes of infertility and ethnic differences in IVF outcome - a retrospective study**
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- P-574** **Investments in contraceptive services and climate change mitigation: a win-win approach**
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P-575 Cost-effectiveness of a structured lifestyle program in overweight and obese subfertile women. Preliminary data from a randomised controlled trial - the LIFEstyle study

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P-576 Hair mercury concentrations and ovarian reserve parameters in women undergoing fertility treatments

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P-577 A predictive model of live birth in ivf/icsi limited to three predictors proves non inferiority compared with referent templeton and nelson models

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- P-578 Nutrient patterns and risk of asthenozoospermia: a case-control study**
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- P-579 From the couple to the family: how many infertile couples become actually parents due to assisted reproductive treatments**
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Reproductive surgery

- P-580 Endovascular embolization of uterine arteries before surgical delivery in women with placenta previa and placenta accreta**
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- P-581 Hysteroscopic outpatient metroplasty to expand dysmorphic uteri (HOME-DU) technique**
 D. D'Auria¹, A. Di Spiezio Sardo¹, M.L. Spinelli¹, G. Nazzaro¹, P. Florio¹, D. Paladini¹, C. Di Carlo¹, C. Nappi¹
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- P-582 A comparative analysis between two aspiration pressures for oocyte retrieval in egg donation cycles: a pilot trial**
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- P-583 Fertility after uterine artery embolization for symptomatic fibroids in women without associated infertility**
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- P-584 Should surgery be performed in women with endometriosis prior to ART to improve reproductive outcome**
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- P-585** **Results of microsurgical refertilisation after vasectomy and validation of factors predicting overall success**
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- P-586** **Uterine fibroid pseudocapsule thickness differs among fibroid location: a pilot study**
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- P-587** **Hysteroscopic Adhesiolysis: efficacy and safety**
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- P-588** **The characteristic features of pelvic peritoneal adhesions' morphology in women of reproductive age**
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- P-589** **Influence of endometrial polyp-like lesions detected during ultrasound at ovarian stimulation on IUI results**
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- P-590** **Perfusion with cryoprotectants in vivo and in vitro of whole ovine ovaries as a model for human**
V. Isachenko¹, G. Rahimi¹, E. Isachenko¹, B. Morgenstern¹, B. Hanstein¹, P. Mallmann¹
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- P-591** **Does surgery prior to ART affect IVF/ICSI outcome in women with endometrioma or deep infiltrating endometriosis (DIE) - a result from meta-analysis and systematic review**
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Stem cells

- P-592** **Expression patterns of the meiotic commitment protein, STRA8, differ in adult human and mouse ovaries**
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- P-593** **Generation of mouse androgenetic haploid embryonic stem cells from a single sperm**
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- P-594** **Inhibition of TGF β signaling supports embryonic stem cell derivation and the ground state of pluripotency in mouse**
S. Ghimire¹, B. Heindryckx¹, J. Neupane¹, D. Deforce², T. Deroo¹, P. De Sutter¹
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- P-595** **Isolation, propagation and characterisation of oogonial stem cells from human and bovine ovarian cortex**
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- P-596** **Human amniotic membrane-derived mesenchymal stem cells are effective in improving ovarian function**
C. Jiang¹, B. Huang¹, L. Shao¹, Y. Qian¹, Y. Zhang¹, Y. Cui¹, L. Qin¹, J. Liu¹
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Translational research

- P-597** **INSC94Y transgenic pigs - a novel large animal model for studying developmental consequences of pre-conceptional diabetes mellitus**
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- P-598** **Expression and cytoplasmic localization of Calreticulin in human maturing oocytes**
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- P-599** **Comet assay on mouse oocytes: technical adaptation to study genotoxicity of environmental factors on cumulus oocyte complexes**
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- P-600** **Transcutaneous electrical acupoint stimulation improves clinical pregnancy rate in embryo transfer**
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NOTES

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GENERAL INFORMATION

Political Statement

The aim of ESHRE is to provide a forum for the exchange and discussion of new clinical and scientific ideas. The Society, in good faith, assumes that all participants will respect the non-political nature of our annual meeting.

Registration and Information Desk

The registration and general information desks will be located in the entrance hall of the congress centre and will be open at the following hours:

Saturday, 28 June	13.00 - 20.00
Sunday, 29 June	08.00 - 19.00 (registrations pre-congress courses) 12.00 - 20.00 (registrations main program)
Monday, 30 June	08.00 - 19.00
Tuesday, 1 July	08.00 - 19.00
Wednesday, 2 July	08.00 - 15.00

Hotels Desk

Any queries regarding accommodation should be directed to MCI who will be managing the hotels desk in the registration area throughout the Meeting.

Hotels and tours desk opening hours at the venue:

Saturday, 28 June	13.00 - 20.00
Sunday, 29 June	08.00 - 20.00
Monday, 30 June	08.00 - 19.00
Tuesday, 1 July	08.00 - 19.00
Wednesday, 2 July	08.00 - 15.00

Language

English is the official language of the meeting. There will be no simultaneous translation.

Badge Colour Codes

YELLOW: access to pre-congress courses only

RED: access to main program only (not to the pre-congress courses)

GREEN: access only to the exhibit and other congress facilities, but no access to any of the scientific sessions (i.e. pre-congress courses as well as main program)

Slide Preview

Slide preview facilities will be available in the slide preview room, which is located on the ground floor of the ICM. Presenters are kindly requested to submit their slides on a portable medium at least 60 minutes before presentation!

ESHRE Internet zone

Pay a visit to our cyber facility "The ESHRE Internet Zone", which is located on the first floor of the ICM. "The E-Zone" is an internet facility with various functions such as:

- Use of the internet. Browsers shall always launch with *www.eshre.eu* as homepage. Internet pages cannot be printed.
- A meeting tool where a participant can consult the scientific programme of the meeting, click on titles of presentations and read the related abstracts.
- A second meeting tool where a participant can print a personalised certificate of attendance and a receipt of payment (provided the participant's registration has been paid in full).

Computer access will only be possible with a username and password (access details are printed on the participant's badge). The E-Zone will also have some free spaces where participants can sit and work on their own laptop.

Certificates of Attendance Certificates of attendance can be printed out at the "ESHRE Zone"

Lunches and Refreshments During the congress, ESHRE will offer complimentary coffee and lunches to registered participants. Coffee and lunches will be served throughout the exhibition area.

Monday, 30 June	09.30 - 10.00	→	coffee
	13.00 - 14.00	→	lunch
	16.30 - 17.00	→	coffee
Tuesday, 1 July	09.30 - 10.00	→	coffee
	13.00 - 14.00	→	lunch
	16.30 - 17.00	→	coffee
Wednesday, 2 July	09.30 - 10.00	→	coffee
	13.00 - 14.00	→	lunch

Electricity The electrical current in Germany is 220V. Appliances designed to operate on 110V will require a transformer.

Insurance & Liability ESHRE does not accept liability for individual medical, travel or personal insurance, and participants are strongly advised to take out their own personal insurance policies in their country of origin. Participation in all excursions, tours etc. is at personal risk.

Questions? In case you have more questions regarding the meeting, please turn to the information desk in the entrance hall.

Legal disclaimer - Privacy policy By using the participant's badge, you accept the following terms of use, which are applicable:

Privacy

Personal Data (more specific your name, address, company or institute working for, email address, telephone number, fax number) provided to ESHRE by the participant by email and/or by contact form and/or registration, will be (i) transmitted on the participant's badge you will receive and (ii) treated by ESHRE confidentially and in conformity with the Belgian Privacy Law. The controller of the data processing is:

ESHRE – The European Society for Human Reproduction and Embryology, Meerstraat, n° 60, in 1852 Grimbergen, Belgium – Bruno van den Eede, Managing Director.

The Personal Data is collected and may be used by ESHRE for information and promotional campaigns. In compliance with the law of 8 December 1992 on the protection of privacy, upon request, you may object free of charge to the use of your data for this promotional campaign purpose.

Other than that, Personal Data is not processed or transmitted by ESHRE to third parties outside ESHRE without the consent of the relevant individual, unless ESHRE is required to do this by virtue of mandatory legal requirements or rulings by the courts or official bodies.

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Personal Data provided to ESHRE shall be transmitted on the participant's badge you will receive. By scanning this participant's' badge at the booth you are visiting on the exhibition, your Personal Data shall be transmitted and / or processed to the respective exhibitor. ESHRE does not have or assume any responsibility for Personal Data given by a visitor to one of the exhibitors of a trade show or event as a result of the scanning of the visitors badge or otherwise.

Disputes

All disputes involving this legal disclaimer shall be governed by Belgian law. In the event of disputes only the courts of Gent shall be competent.

By using the participant's badge, you signify your assent to the ESHRE policy. If you do not agree to this policy, please do not use this badge.



AGENDA OF THE 2014 ANNUAL ASSEMBLY OF THE PARAMEDICAL GROUP

Monday, 30 July 2014 | 13.00 - 14.00
ICM, Room 5

AGENDA OF THE 2014 ANNUAL GENERAL ASSEMBLY OF ESHRE MEMBERS

Tuesday, 1 July 2014 | 18.00 - 19.00
ICM, Room 5

1. Minutes of the last meeting (held in London and published in Focus on Reproduction, September 2013)
2. Matters arising
3. Membership of the Society
4. Society activities
 - Annual meetings
 - Campus meetings
 - Special Interest Groups and Task Forces
 - Human Reproduction journals
5. Paramedical Group
6. Financial report
7. Election of the Honorary Members for 2015
8. Any other business
9. Date of the next Annual General Assembly



SOCIAL PROGRAMME

Opening Ceremony and Welcome Reception at the Meeting Venue Sunday, 29 June 2014 | Opening Ceremony, 19.00 -20.00 | Room 14 Welcome Reception, 20.00 - 22.00 | Exhibit Hall C1

All participants and their accompanying persons are warmly invited to join us for the Opening Ceremony that takes place in room 14 of the ICM. It will be an entertaining and eventful introduction to the meeting. After the Opening Ceremony, we will officially open the industrial exhibit and invite our delegates to the Welcome Reception in the Exhibit Hall.

Tuesday Evening Congress Party at the Alte Kongresshalle Tuesday, 1 July 2014 | 20.30 - 23.00

We invite all delegates and their accompanying persons to take part in the "Tuesday Evening Congress Party". Participation is optional and tickets for this unique event will be 120 Euro/person (excl. VAT). It will be an ideal moment to meet up with old friends and to make new acquaintances. The party will be held at the Alte Kongresshalle.

HOW TO GET TO THE PARTY?

The address of the Alte Kongresshalle is Theresienhöhe 15, 80339 München.

By car

If you are driving to the Alte Kongresshalle, you will find public parking in the immediate vicinity on Theresienwiese, at the Heimeranplatz Park & Ride car park at 19, Garmischerstrasse, or in the public underground car park at 4, Gollierstrasse.

By public transport

From Munich's main railway station Hauptbahnhof, the Alte Kongresshalle is a ten-minute journey by U-Bahn (underground / subway) on the U 4 line in the direction of Westendstrasse or the U 5 in the direction of Laimer Platz; in both cases, alight at Schwanthalerhöhe.

By U-Bahn (underground / subway)

U 4 / U 5: Schwanthalerhöhe stop

By S-Bahn (rapid transit train, suburban train)

S 7 / S 20 / S 27: Heimeranplatz stop

Change to the U 4 or U 5 and alight at Schwanthalerhöhe

By bus

Metrobus 53: Schwanthalerhöhe stop

Stadtbus 134: Theresienhöhe or Schwanthalerhöhe stops

Stadtbus 131: Hans-Fischer-Strasse stop

Tickets for this unique event may still be available on-site – Cost = 120 Euro/person (excl. VAT)

Awards and Closing Ceremony at the Meeting Venue Wednesday, 2 July 2014 | 15:30 - 16:30 | Room 1

The Closing and Award Ceremony will be held after the last session of the meeting. During this Ceremony, the winners of the 2014 ESHRE Awards for the best poster and oral communications will be presented. The chairpersons of the various Award Committees will present the awards, together with representatives of the award sponsors. At the end of this Ceremony we will say goodbye and make a new appointment for our meeting in Lisbon in the year 2015. Attendance is free of charge to registered participants.



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INDUSTRY SPONSORED SYMPOSIA

Ferring Company Symposium

Monday, 30 June 2014 | Room 14 | 11:45 - 13:00

IBSA Company Symposium

Monday, 30 June 2014 | Room 14 | 14:00 - 15:15

BIRTH DEFECTS REVISITED: CAUSES AND OUTCOME

Chairmen: P.G. Crosignani (Italy) and K. Diedrich (Germany)

- 14:00 Welcome and introduction
- 14:05 Newborn health and oocyte legacy – David Albertini (USA)
- 14:20 Outcomes from the large ART databases in the Nordic countries – Arne Sunde (Norway)
- 14:35 International registration of birth defects – Maryse Bonduelle (Belgium)
- 14:50 Discussion and conclusion

Besins Company Symposium

Monday, 30 June 2014 | Room 14 | 17:00 - 18:15

NATURAL HORMONES IN DIFFICULT PATIENTS WITH IMPLANTATION FAILURE

Chairmen: Johan Smits (Belgium) and F. Geithövel (Germany)

- Optimising Luteal Phase Support with vaginal progesterone – William Ledger (Australia)
- Endometrial priming with transdermal estradiol in frozen thawed embryo transfer – Christophe Blockeel (Belgium)
- Is testosterone clinically relevant in difficult patients? – Nikolaos Polyzos (Belgium)

Merck-Serono Company Symposium

Tuesday, 1 July 2014 | Room 14 | 11:45 - 13:00

LIVING INNOVATION IN ART: BLENDING MEDICINE, SCIENCE AND TECHNOLOGIES TO MAXIMIZE SUCCESS FOR THE BENEFIT OF THE PATIENTS

Chairman: Robert Fischer (Hamburg, Germany)

- Patient Segmentation and Individualized Treatments in ART – Jan Steffen Krüssel, Düsseldorf (Germany)
- Time Lapse technology for the determination of embryo genetic normality: Myth or Reality?
Alice Chen (San Francisco, California, USA)
- Breakthrough Innovation in Uterine Receptivity Diagnostics – Carlos Simon (Valencia, Spain)

MSD Company Symposium

Tuesday, 1 July 2014 | Room 14 | 14:00 - 15:15

OPTIMIZING FERTILITY APPROACHES TO IMPROVE OUTCOMES IN YOUR CLINICAL PRACTICE"

- 14:00 Welcome and Chairman's Introductory Remarks – Georg Griesinger (Germany)
- 14:05 Ovarian Response Prediction and Outcome Prediction: How Can We Perform a Safe and More Successful IVF? – Georg Griesinger (Germany)
- 14:20 How Do Patient Characteristics Impact Ovarian Stimulation and How Should the IVF Specialist Address These? – Human Fatemi (UAE)
- 14:40 High Response: What Evidence-based Management Options Do We Have? – Peter Humaidan (Denmark)

Actavis Company Symposium

Tuesday, 1 July 2014 | Room 14 | 17:00 - 18:15

A SUCCESSFUL IVF PROGRAMME STARTS WITH GOOD QUALITY OOCYTES

Chairmen: J. Cohen (USA) and Jean Michel Foidart (Belgium)

- New Insights of Actavis into Fertility – Anne Baille (France)
- Follicular Fluid (FF) G-CSF: A marker for the assessment of oocyte quality – Bart Fauser (The Netherlands)
- PROSPEC 1: A Prospective clinical trial to evaluate the usefulness of follicular GCS-F in daily clinical practice. Thomas D'Hooghe (Belgium)
- Discussion and conclusion: "The future of IVF and the contribution of FF GCS-F evaluation to the success of embryo implantation"

Vitrolife Company Symposium

Wednesday, 2 July 2014 | Room 1 | 10:00 - 11:15

OPTIMISING THE SUCCESS OF EVERY IVF CYCLE- ADVANCES IN CULTURE, SELECTION AND TRANSFER

Chairman: David Gardner (Australia)

- 10:00 Minimising stress to facilitate viable embryo development - recent advances in culture conditions
David Gardner (Australia)
- 10:25 New technology benefits from tailored solutions - results from a study using a medium specifically designed for time-lapse culture – Thorir Hardarson (Sweden)
- 10:50 What we can do to support embryo implantation- proven facts – Georg Griesinger (Germany)

PRODUCT THEATRES

Agilent workshop

Tuesday, 1 July 2014 | Room 12 | 10:00 - 11:00

SAME DAY COST EFFECTIVE PREIMPLANTATION GENETIC SCREENING SOLUTION

- "Same Day, Cost-Effective Aneuploidy Detection with Agilent Oligonucleotide array CGH and MDA Single Cell Amplification Method" - Ali Hellani, Founder, Viafet Genomic Center, Dubai
- "Analysis of untransferred embryos after PGS for reciprocal translocations by array-Comparative Hybridization(aCGH) – incidence of meiotic and mitotic errors" - Sioban SenGupta

FertiliTech

Tuesday, 1 July 2014 | Room 12 | 13:00 - 14:00

- FertiliTech Product Theater: Leading the way towards better results
- FertiliTech abstract award winners Guided Annotation – a new way to look at embryos Development of a new morphokinetic scoring system