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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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- Karl Friese (Chair)
- Markus Kupka
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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 trophectoderm biopsy
Sunday, 29 June 1 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 trophectoderm biopsy. This workshop will summarize the most important aspects of successful trophectoderm 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 tome 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 IVM 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 trophectoderm 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 “Trophectoderm 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 tomorrows 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  Antiestrogens 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)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:30 - 14:00</td>
<td>Is not-telling the child morally reprehensible? – Theo Boer (The Netherlands)</td>
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<td>14:00 - 14:15</td>
<td>Discussion</td>
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<td>14:15 - 14:45</td>
<td>Telling or not-telling: should counsellors be directive? – Wybo J. Dondorp (The Netherlands)</td>
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<td>14:45 - 15:00</td>
<td>Discussion</td>
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<td>15:00 - 15:30</td>
<td>Coffee break</td>
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<td>15:30 - 16:00</td>
<td>Do donors have a right to information about their offspring? – Guido Pennings (Belgium)</td>
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<td>16:00 - 16:15</td>
<td>Discussion</td>
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<tr>
<td>16:15 - 17:00</td>
<td>Concluding debate session</td>
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Moderators: Wybo J. Dondorp (The Netherlands) and Veerle Provoost (Belgium)
COURSE 6

Sunday, 29 June  I  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, paramedics, 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  I 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. – 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 chemio 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 are either 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>09:00 - 09:10</td>
<td>Introduction to the course – Johannes Evers (The Netherlands)</td>
</tr>
<tr>
<td>09:10 - 09:40</td>
<td>Principles of study design, treatment – Johannes Evers (The Netherlands)</td>
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<tr>
<td>09:40 - 09:50</td>
<td>Discussion</td>
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<tr>
<td>09:50 - 10:20</td>
<td>Principles of study design, diagnosis – Madelon Van Wely (The Netherlands)</td>
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<tr>
<td>10:20 - 10:30</td>
<td>Discussion</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Coffee break</td>
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<tr>
<td>11:00 - 11:30</td>
<td>Giving a talk – Edgardo Somigliana (Italy)</td>
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<tr>
<td>11:30 - 12:30</td>
<td>Group work on oral presentation + report to group – Edgardo Somigliana (Italy)</td>
</tr>
<tr>
<td>12:30 - 13:00</td>
<td>Lunch break</td>
</tr>
<tr>
<td>13:30 - 14:00</td>
<td>Writing a study up for a scientific journal – Richard Sharpe (United Kingdom)</td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td>Group work on writing a manuscript + report to group – Richard Sharpe (United Kingdom)</td>
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<td>15:00 - 15:30</td>
<td>Tea break</td>
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<tr>
<td>15:30 - 16:00</td>
<td>Presenting a poster – Felice Petraglia (Italy)</td>
</tr>
<tr>
<td>16:00 - 17:00</td>
<td>Group work on poster presentation + report to group – Felice Petraglia (Italy)</td>
</tr>
<tr>
<td>17:00 - 17:10</td>
<td>Conclusions, wrap-up and take-home messages – Johannes Evers (The Netherlands)</td>
</tr>
<tr>
<td>17:10 - 17:20</td>
<td>Evaluation of the course</td>
</tr>
</tbody>
</table>
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  I  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 – Mariette 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 Dhillo (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: Mariette 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]

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>15:30 - 16:00</td>
<td>Genetic aspects of early pregnancy success – Tina Buchholz (Germany)</td>
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<tr>
<td>16:00 - 16:15</td>
<td>Discussion</td>
</tr>
<tr>
<td>16:15 - 17:00</td>
<td>Debate: Is there a need for early pregnancy progesterone supplementation?  No – Anders Nyboe Andersen (Denmark)  Yes – Georg Griesinger (Germany)</td>
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<tr>
<td>16:45 - 17:00</td>
<td>Discussion &amp; closing of the meeting</td>
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<tr>
<td>17:00 - 18:00</td>
<td>Business meeting SIG Early Pregnancy</td>
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</tbody>
</table>
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. Chuv 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 Vlaisavljevic (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 Gürgan (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)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Room</th>
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<tbody>
<tr>
<td>08:30 - 09:30</td>
<td><strong>SESSION 01: ROBERT G. EDWARDS' MEMORIAL KEYNOTE SESSION</strong>&lt;br&gt;• The Human Reproduction Keynote Lecture - The clinical significance of calcium-signalling pathways mediating human sperm hyperactivation&lt;br&gt;• Bipedalism: the genesis of uterine fibroids</td>
<td>Room 14</td>
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<tr>
<td>10:00 - 11:30</td>
<td><strong>SESSION 02: REVISITING EMBRYO CULTURE&lt;br&gt;SESSION 03: RECENT ADVANCES IN PCOS&lt;br&gt;SESSION 04: MALE INFERTILITY&lt;br&gt;SESSION 05: MANAGING ENDOMETRIOSIS&lt;br&gt;SESSION 06: OVARIAN RESERVE AND AGEING&lt;br&gt;SESSION 07: DEVELOPMENTS IN GENETIC ANALYSIS</strong></td>
<td>Room 14&lt;br&gt;Room 1&lt;br&gt;Room 13&lt;br&gt;Room B1 (Hall B0)&lt;br&gt;Room B2 (Hall B0)&lt;br&gt;Room 5</td>
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<tr>
<td>11:45 - 13:00</td>
<td><strong>INDUSTRY-SPONSORED SYMPOSIUM</strong></td>
<td>Room 14</td>
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<td>11:45 - 12:45</td>
<td><strong>SESSION 08: FERTILITY PRESERVATION AND THE ROLE OF SURGERY</strong>&lt;br&gt;• Uterine transplantation&lt;br&gt;• Ovarian transplantation</td>
<td>Room 1</td>
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<tr>
<td>11:45 - 12:15</td>
<td><strong>SESSION 09: FERTILITY SOCIETY OF AUSTRALIA EXCHANGE LECTURE</strong>&lt;br&gt;• Paternal obesity impairs the reproductive health and ovarian molecular profile of their female offspring</td>
<td>Room 13</td>
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<tr>
<td>11:45 - 12:15</td>
<td><strong>SESSION 10: DATA REPORTING SESSION</strong>&lt;br&gt;• Data from the ESHRE PGD Consortium</td>
<td>Room B1 (Hall B0)</td>
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<tr>
<td>11:45 - 12:45</td>
<td><strong>SESSION 11: PARAMEDICAL INVITED SESSION - LABORATORY</strong>&lt;br&gt;• Isolation and culture of human preantral follicles for fertility preservation&lt;br&gt;• Thinking out of the box to bring innovations to the IVF lab</td>
<td>Room 5</td>
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<td>13:00 - 14:00</td>
<td><strong>POSTER DISCUSSIONS</strong></td>
<td>Poster area&lt;br&gt;Foyer level 1</td>
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<td>14:00 - 15:15</td>
<td><strong>INDUSTRY-SPONSORED SYMPOSIUM</strong></td>
<td>Room 14</td>
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<tr>
<td>14:00 - 15:00</td>
<td><strong>SESSION 12: WHEN THE FALLOPIAN TUBE FAILS</strong>&lt;br&gt;• Why chlamydia and smoking are bad for your Fallopian tubes - lifestyle factors and other aetiologies contributing to the risk of ectopic pregnancy&lt;br&gt;• Translating molecular diagnostics and therapeutics for ectopic pregnancy from the bench top to the clinic</td>
<td>Room 1</td>
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</table>
14:00 - 15:00  SESSION 13: FROM PLURIPOTENT STEM CELLS TO GAMETES AND BACK
• Gametes from pluripotent stem cells: why does it work in the mouse and not in the human?
• Genome exchange in human oocytes

14:00 - 15:00  SESSION 14: NOVEL TECHNIQUES IN THE LABORATORY AND IVF OUTCOME

15:15 - 16:30  SESSION 15: IVF FROM A VITRIFIED PERSPECTIVE
SESSION 16: OVARIAN STIMULATION
SESSION 17: ART: ECONOMICS AND EPIDEMIOLOGY
SESSION 18: QUALITY WITHIN THE LABORATORY
SESSION 19: NEW EVIDENCE IN EARLY PREGNANCY OUTCOME
SESSION 20: PSYCHOSOCIAL ISSUES AND CARE IN INFERTILITY

17:00 - 18:15  INDUSTRY-SPONSORED SYMPOSIUM

17:00 - 18:00  SESSION 21: THE LATEST FINDINGS FROM THE REPROTRAIN CONSORTIA
• From mouse to human via flies; the latest interdisciplinary andrology research
• Is the promise of sperm transcriptomics being kept?

17:00 - 18:00  SESSION 22: REPRODUCTIVE SURGERY
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  0-001  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  0-002  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-slami², H.T. Ni³
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. Vergouw³, E.H. Kosteljik⁴, C.B. Lambalk⁵, S. Le Gac⁶
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. Zorzovilis², G.K. Petsas¹, T.G. Lainas¹
¹Eugonia, Assisted Reproduction Unit, Athens, Greece
²Aristotle University of Thessaloniki, ¹Department 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. Kitasaka³, T. Yoshimura¹, F. Tamura², N. Hasegawa¹,
K. Nakayama², M. Kato³, E. Kojima¹, N. Aoyagi¹, H. Ohno², K. Yasue³, H. Watanabe¹, Y. Hashiba³,
Y. Asada¹
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. Ivoli¹, L. Albricci¹, F. Sanges¹, A. Capalbo¹,
F.M. Ubaldi¹, L. Rienzi¹
¹Genera c/o Clinica Valle Giulia, Ginecology, 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 folic acid supplementation in overweight women with polycystic ovary syndrome: a randomized double-blind placebo-controlled clinical trial
M. Samimi1, Z. Asemi2, M. Karamali2, F. Foroozanfard2, A. Esmailzadeh3
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 0-013  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 0-014  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
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, 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. Thijssen, E. Klerkx, A. Cox, E. Vandormael, N. Dhont, W. Ombelet
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
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. Zhylkova, O. Feskov, O. Tischenko, O. Blazhko, O. Somova
1Centre of Human Reproduction Sana-Med, IVF department, Kharkiv, Ukraine

11:00 O-019 Cerium dioxide nanoparticles induce DNA damage in human spermatozoa
1AP-HM, La Conception CECOS Lab Biology of Reproduction Gynépole, 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. Tafi\textsuperscript{1}, V. Remorgida\textsuperscript{1}, L. Odetto\textsuperscript{1}, A. Racca\textsuperscript{1}, I. Erasmo\textsuperscript{1}, C. Scala\textsuperscript{1}, U. Leone Roberti Maggiore\textsuperscript{1}, E. Biscaldi\textsuperscript{2}, G.A. Rollandi\textsuperscript{3}, P.L. Venturini\textsuperscript{2}, S. Ferrero\textsuperscript{1}

\textsuperscript{1}San Martino Hospital and National Institute for Cancer Research University of Genoa, Department of Obstetrics and Gynecology, Genoa, Italy
\textsuperscript{2}IRCCS San Raffaele Hospital, Department of Obstetrics and Gynecology, Milan, Italy
\textsuperscript{3}Galliera 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. Stepniewska\textsuperscript{1}, C. Signori\textsuperscript{1}, M. Scioscia\textsuperscript{1}, L. Minelli\textsuperscript{1}, G. Trivella\textsuperscript{1}

\textsuperscript{1}Ospedale 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 Agueda\textsuperscript{1}, I. Ortega\textsuperscript{1}, J. Martinez- Salazar\textsuperscript{1}, L. Contreras\textsuperscript{1}, C. Iglesias\textsuperscript{1}, J.A. Garcia-Velasco\textsuperscript{1}

\textsuperscript{1}IVI 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. Ferrero\textsuperscript{1}, V. Remorgida\textsuperscript{1}, C. Scala\textsuperscript{1}, L. Odetto\textsuperscript{1}, P.L. Venturini\textsuperscript{2}, M. Candiani\textsuperscript{3}, S. Salvatore\textsuperscript{3}, E. Papaleo\textsuperscript{1}, U. Leone Roberti Maggiore\textsuperscript{1}

\textsuperscript{1}San Martino Hospital and National Institute for Cancer Research University of Genoa, Department of Obstetrics and Gynecology, Genoa, Italy
\textsuperscript{2}Vita - Salute San Raffaele University Hospital, Department of Obstetrics and Gynecology, Milan, Italy
\textsuperscript{3}IRCCS 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. Scarpellini\textsuperscript{1}, M. Sbracia\textsuperscript{1}

\textsuperscript{1}Hungaria, 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. Dunselman\textsuperscript{1}, N. Vermeulen\textsuperscript{1}, A. Nap\textsuperscript{1}

\textsuperscript{1}Maastricht University Medical Center, Dept. Ob/Gyn, Maastricht, The Netherlands
\textsuperscript{2}ESHRE, Central Office, Grimbergen, Belgium
\textsuperscript{3}Rijnstate 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. Schriever², T.M. Mooij², A. Pijpe², J.C. Oosterwijk²,
S. Verhoef¹, E.B. Gómez Garcia³, W.A.G. Van Zelst-Stams³, M.A. Adank³, C.J. Van Asperen³,
H.C. Van Doorn¹, T.A. Van Os⁴, M.A. Rookus², M.G.E.M. Ausems⁵¹
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 Schouw⁴
¹University Medical Centre Utrecht, Department of Reproductive Medicine & Gynaecology, Utrecht, 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. Minasi2, E. Greco2
1GENOMA - Molecular Genetics Laboratory, Preimplantation Genetic Diagnosis, Roma, Italy
2BlueGnome Ltd, Cambridge, United Kingdom

10:15  O-034  Trophoderm 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. Castillón3, A. Guilem4, C. Vidal5, J. Giles2, J. Remohi2, A. Pellicer2, C. Simon6
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. Lynch1, H. Forbes1, F. Kokocinski2, C. Michel1
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. Collins1, J. Fischer1, A.H. Handyside3, S. Munne1
1Reprogenetics LLC, Livingston, New Jersey, U.S.A.
2Illumina, Fulbourn, Cambridge, United Kingdom
Comparison of next generation sequencing (NGS) and aCGH for PGS

A. Kung1, D. Wells1, S. Munne3, K. Kaur4, J. Taylor4, E. Fragouli2, P. Colls1, L. Ribustello1

1Reprogenetics, Clinical, Portland, U.S.A.
2Reprogenetics UK, Clinical, Oxford, United Kingdom
3Reprogenetics, Clinical, Livingston, U.S.A.
4Welcome 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  O-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  O-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  O-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
Invited Session

MONDAY 30 JUNE 2014

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 O-047 Gametes from pluripotent stem cells: why does it work in the mouse and not in the human?
S. Chuva De Sousa Lopes¹
Leiden University Medical Centre, Department of Anatomy and Embryology T1-32, Leiden, The Netherlands

14:30 O-048 Genome exchange in human oocytes
D. Egli¹, M. Yamada¹, B. Johannesson¹, D. Paull¹, M. Hirano², V. Emmanuele³, R. Goland¹, R. Leibel¹, M. Sauer⁴
The New York Stem Cell Foundation, NYSCF, New York NY, U.S.A.
Columbia University, Neurology, New York NY, U.S.A.
Columbia University, Pediatrics, New York NY, U.S.A.
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 0-049 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. Cornelissen1, W.H. De Vos1, S. Weyers1, G. T’Sjoen1, C.A. Cuvelier1, 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 0-050 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 0-051 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 0-052 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. Oyama1, T. Takeuchi1, 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. Larbusson¹, 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. Et-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. Vaiati¹, 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. Tatone³, 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  0-058  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. Martínez De San Andrés1, E. Clúa1, M. Devesa1, G. Arroyo1, M. Solé1, I. Rodríguez1, B. Coroleu1, P.N. Barri1
1Hospital Universitari Quiron Dexeus, Servicio de Medicina de la Reproducción, Barcelona, Spain

15:30  0-059  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  0-060  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  0-061  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. Puopolo1, 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  0-062  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
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. Brinton8
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. Plessen1, M. Svahn1, T.S.S. Nielsen1, S.K. Kjaer2
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  0-067  Long-term (18-year) cost-effectiveness of single and double embryo transfer strategies
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 Biological Psychology, Amsterdam, 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. Schöpper1, 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 Sas1, R. Souffreau1, R. Janssens1, R. Cortvindt1
1UZ Brussel, Centre for Reproductive Medicine, Brussels, 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)
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
8Beatrix Children’s Hospital/Erasmus MC University Medical Center Groningen, Paediatric Oncology, Groningen, 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 Jr1, C.G. Petersen1, L.D. Vagnini2, A. Renzi2, G.R. Oliveira-Pelegrin2, A.L. Mauri1, J. Ricci1, F.C. Massaro1, M. Cavagna2, 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 Québec, 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
1Cardiff University, School of Psychology, Cardiff, United Kingdom
2U.Z. Leuven, Fertility Centre, Leuven, Belgium
3Erasmus 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, 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. Egestad2, 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  O-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
Clinic, Human Genetics Research Group. Genetics Unit. Faculty of Medicine and Biochemistry and
Molecular Genetics Service, Barcelona, Spain

17:30  O-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. Marchino1, T. Al-Shawa7, M. Gergolet1, R. Campo1
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. Morgenstern3, B. Hanstein3, 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
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<td>08:30 - 09:30</td>
<td>SESSION 23: PROGRESS IN OVARIAN STIMULATION FOR IVF</td>
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<td>• The genetics of ovarian capacity</td>
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<td>• Diagnosis, treatment and significance of poor ovarian response</td>
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<td>08:30 - 09:30</td>
<td>SESSION 24: OOCYTE ACTIVATION</td>
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<td>• Mechanisms of oocyte activation</td>
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<td>• Induced oocyte activation in the lab – principles and practice</td>
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<td>08:30 - 09:30</td>
<td>SESSION 25: ASRM EXCHANGE SESSION - &quot;OMICS OF INFERTILITY&quot;</td>
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<td>• Environment, epigenetics and reproduction</td>
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<td>• Omics of male infertility</td>
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<td>08:30 - 09:30</td>
<td>SESSION 26: PARAMEDICAL INVITED SESSION</td>
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<td>• Qualitative nursing research in fertility and reproduction:</td>
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<td>• The young ones - Extending endometrioses care to teenage girls</td>
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<td>10:00 - 13:00</td>
<td>SESSION 27: EMBRYONIC BIOMARKERS - ARE WE GETTING NEARER?</td>
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<td>10:00 - 11:30</td>
<td>SESSION 28: LIVE SURGERY TUTORIAL: UTERINE PATHOLOGY</td>
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<td>10:00 - 11:30</td>
<td>SESSION 29: NOVEL TECHNIQUES IN ANDROLOGY</td>
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<td>SESSION 30: BASIC SCIENCE ENDOMETRIOSIS</td>
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<td>SESSION 31: CLINICAL TRIALS IN OVARIAN STIMULATION</td>
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<td>SESSION 32: PATIENTS’ NEEDS AND WISHES: WHERE TO DRAW THE LINE?</td>
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<td>11:45 - 13:00</td>
<td>INDUSTRY-SPONSORED SYMPOSIUM</td>
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<td>11:45 - 12:45</td>
<td>SESSION 33: EUROPEAN AND GLOBAL ART MONITORING</td>
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<td>• Assisted reproductive technology in Europe, 2011: results generated</td>
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<td>from European registers by ESHRE. Preliminary results</td>
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<td>11:45 - 12:45</td>
<td>SESSION 34: LONG-TERM HEALTH IN TURNER SYNDROME WOMEN</td>
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<td>• Pregnancy outcome after oocyte donation in women with Turner</td>
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<td>syndrome – what are the risks?</td>
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<td>12:15 - 12:45</td>
<td>Optimizing health care for adult women with Turner syndrome</td>
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<td>11:45 - 12:45</td>
<td>SESSION 35: THE VOICE OF DONOR SPERM RECIPIENTS</td>
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<td>13:00 - 14:00</td>
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<td>14:00 - 15:15</td>
<td>INDUSTRY-SPONSORED SYMPOSIUM</td>
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| 14:00 - 15:00 | **SESSION 36: ADVANCES IN GENETIC TESTING**  
- 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)  
- 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)  
- 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**  
- "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  |
| 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  |
| 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 0-091  Mechanisms of oocyte activation
J. Parrington¹
¹University of Oxford, Department of Pharmacology, Oxford, United Kingdom

09:00 0-092  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  O-093  Environment, epigenetics and reproduction
L. Giudice

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

09:00  O-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  O-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  O-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. Ferrière1, M. Monforte1, H. Déchaud1, S. Hamamah2
1Institute of Research in Biotherapy, INSERM U1040, Montpellier, France
2CHU Montpellier Arnaud de Villeneuve Hospital, ART-PGD 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. Virgiliou1, I. Sampsonidis2, G. Theodoridis2, N. Raikos1, H. Gika1, A. Sioga1, L. Oikonomou1, I. Georgiou1, K.H. Nicolaides1, 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. Noli1, D. Illic2, 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. Assou1, S. Traver1, E. Scalici1, A. Ferrière1, A. Gala1, A. Thierry R1
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  0-101  Prokineticin 1 (PROK1) is a new non-invasive biomarker of embryo implantation in in vitro fertilization (IVF)
S. Brouillet1, C. Thomas-Cadi2, U. Bergues3, J.J. Feige4, N. Alfaidy5, P. Hoffmann4, 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  0-102  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. Colis5, 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. Brown1, S.J. Publicover2, S. Wilson1, 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

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, Biotecnology, 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 Universitari- IVI Valencia, IVF Lab, Valencia, Spain
2Institut Universitari- IVI Valencia, Andrology Lab, Valencia, Spain
3Institut Universitari- IVI Valencia, IVF Lab, Valencia, Spain
4Institut Universitari- IVI Valencia, Reproductive Gynecology Deparment, 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. Terribile1, 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, C.E. Gargett3, G. Saretzki2, R. Campbell1, D.K. Ha pangama1
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. Grossman1, 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 univeristy, 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. Kirbas2, Y. Kalkan2, L. Tümêkaya2, E.S. Guvendag Guven2
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  0-114  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. Bourgain⁵

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. Tarlatzi², K. Chatzimeletiou¹, L. Zeinidou¹, 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. Andersen¹, 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. Comninos¹, G.M.K. Nijjer¹, G. Christopoulos⁵, S. Narayanaswamy⁵, C. Izzi-Engbeaya¹, A. Mason¹, J. Warwick¹, D. Ashby¹, M.A. Ghatei¹, S.R. Bloom¹, A. Carby¹, G. Trew¹, W.S. Dhillo²
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 (primal) - multicenter randomised controlled study
M. Youssefi¹, M. Van Wely², H. Al-inany¹, T. Madani², N. Jahangiri², S. Khodabakhsli², A.Y. Rizk², M. Alhalaibi³, M. Almohamady¹, E. Shaeeer¹, I. Aboulfoutouh¹, S. Khattab¹, M.H. Mochtar², F. Van der Veen¹
¹Cairo University, Obstetrics and Gynecology, Cairo, Egypt
²University of Amsterdam (UVA), Center for Reproductive Medicine (CWI), 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  0-119  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  0-120  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. Sydow4, P. Ebert4, M. Depenbusch5, S. Kissler6, B. Toth7, B. Dietrich8, K. Eckert9, L. Stöckl10, S. Goletz11
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

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, Gent, 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, Gent, 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. Abdilmanova3, 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, Obstetrics, 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
⁴UniversityWomen’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  O-128  Pregnancy outcome after oocyte donation in women with Turner syndrome - what are the risks?
V. Söderström-Anttila1
1Family Federation of Finland, Infertility Clinic, Helsinki, Finland

12:15  O-129  Optimizing health care for adult women with Turner syndrome
C.H. Gravholt1
1Aarhus 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. Kentenich (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. Sylvest1, E. Carlsen1, A. Nyboe Andersen1, H. Hansson1, L. Schmidt1

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. Provoost2, A. Ravelingien2, E. Wyverkens2, I. Raes2, I. Stuyver2, A. Buysse1, G. Pennings1, P. De Sutter2

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. Stuyver2, P. De Sutter2, G. Pennings1, A. Buysse1

1Ghent University, Psychology and Educational Sciences, Gent, Belgium
2Ghent University, Philosophy and Moral Sciences, Gent, Belgium
3Ghent University, Reproductive Medicine, Gent, 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. Wyverkens1, H. Van Parys1, S. Somers1, I. Raes1, I. Stuyver1, A. Buysse1, P. De Sutter2, 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, Gent, Belgium
3Ghent University Hospital, Department of Reproductive Medicine, Gent, 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  O-144  “The de jure stateless children”: The dilemma of cross-border surrogacy
H. Sol. Olafsdottir\textsuperscript{1}

\textsuperscript{1}Landspitali University Hospital Women’s Clinic, Dept. of Obstetrics and Gynecology, Reykjavik, Iceland

14:30  O-145  The pivotal role of the nurse in a fertility clinic
H. Kendrew\textsuperscript{1}

\textsuperscript{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. Freour², J. Lammers³, C. Splingart³, P. Barriere³
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. Conaghan², M. Gyakharia², K. Ivani², C. Coutifaris², P.E. Chenette³,
S.P. Willman², J. Anthony³, M. Mainigi³, V. Suraj³, 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.

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. Campbell¹, M. Lægdsmand¹, R. Smith¹, S. Duffy¹, L. Best¹, D. Hulme¹,
D. Sivanantham¹, L. Jenner¹, L. Nice¹, S. Fishel¹
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 0-151 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. Thoene1, D. Seehaus2, T. Strowitzki1, B. Toth1
1Universitäts-Frauenklinik, Gyn. Endokrinologie und Reproduktionsmed, Heidelberg, Germany
2Kinderwunschzentrum, Reproduktionsmedizin, Heidelberg, Germany

15:30 0-152 Circulating micrornas 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. Monfort1, S. Bello1c, A. Dalleac1, S. Hamamah1
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 0-153 Preventive effect of oral mucosal epithelial cell-sheets on the endometrial adhesion
G. Kuramoto1, S. Takagi2, K. Ishitani1, T. Shimizu2, T. Okano1, H. Matsui1
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 0-154 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. Godbert1, G. Freund1, J. Roos1, C. Gnoth1
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 0-155 Arcuate uterus: is a normal or septate uterus
I. Cobuzzi1, C. Exacoustos2, V. Romei2, E. Valli2, F. Baiocco2, C. Tosti1, E. Zupi1
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
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
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
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. Hargrave¹, A. Jensen¹, T.S.S. Nielsen¹, E.P. Colov³, 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 0-166 Inflammatory cytokines in the placenta and maternal circulation of chromosomally abnormal first trimester miscarriages
J. Calleja-Agius¹, E. Januaux², 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 Chenes Mews London, Obstetrics and Gynaecology, London, United Kingdom

15:30 0-167 Standardisation of uterine natural killer (uNK) cell measurements in endometrium of women with recurrent miscarriage
G.E. Lash¹, S.M. Laird¹, T.C. Li², B.A. Innes¹, N. Mariee¹, N. Patel¹, S.M. Quenby¹, 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 0-168 Relation between cytokine gene polymorphisms and concentration of autoantibodies and CD markers in Iranian recurrent miscarriage patients
S. Zarei¹, M. Bahadori¹, S. Talebi², K. Saliminejad³, R. Zargham³, 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 0-169 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. Kuorn¹, T. Strowitzki¹, J. Schaumann¹, V. Daniel¹
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 0-0170 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. Rajashekar⁴, E. Reimann⁴, S. Köks⁵, K. Rüüt⁵, L. Milani⁶, J. Vilo⁷, R. Mägi⁸, A. Metspalu⁸, M. Peters⁹, 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. Villesen¹, 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. Romero¹, 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. Kahiola¹, A. Stavreus-Evers¹, J. Olivier¹, I. Sundström-Poromaa¹, K. Kårrehed¹
¹Uppsala University, Department of Women’s and Children’s Health, Uppsala, Sweden
16:15 0-175 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. Vääräsmäki1, T. Piltonen1, M.R. Järvelin2, 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. Franks1, G. Davey-Smith5, M.R. Jarvelin4
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 0-179

The effectiveness of a structured lifestyle program in overweight and obese subfertile women. Preliminary data from a randomised controlled trial [LIFEstyle study]


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 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. Mueller4, M. White1, G. Martin1, L. Ritter1, 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. Maaloul1
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. Mantikou1, M.J. Jonker1, S. Mastenbroek3, S. Repping1, J.L.H. Evers4, 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. Nath¹, N.N. Chimote², N.M. Chimote³
¹Vaunshdha Clinic and Assisted Conception Centre, Embryology/ Biochemistry, Nagpur, India
²Vaunshdha Clinic and Assisted Conception Centre, Biochemistry, Nagpur, India
³Vaunshdha Clinic and Assisted Conception Centre, 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. Mol¹, F. Van der Veen¹, M. Goddijn¹, S.M. Michon¹
¹Academic Medical Centre, Centre for Reproductive Medicine, 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. Ramos¹, C. Vidal³, C. Caligara³, A. Casas³, N. Prados⁴, M. Fernandez⁵
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-Bojö¹, 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

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**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. Lallemant, D. Vassard, A. Nyboe Andersen, L. Schmidt, N. Macklon  
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. Tschudin, M. Mueller, R. Zanetti, R. Moffat, C. Urech  
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. Wyns, C. Collienne, P. Laurent, R. Imbert, B. Brichard  
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. Isaksson, G. Sydsjö, A. Skoog Svanberg, C. Lampic  
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
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<tr>
<th>Time</th>
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<tr>
<td>08:30 - 09:30</td>
<td>SESSION 51: IMPROVING MEDICAL DECISION MAKING</td>
<td>Room 14</td>
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<td>Improving decision making in the clinic and laboratory. The importance of non-technical skills</td>
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<td>Use of modern business intelligence systems in medicine</td>
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<td>08:30 - 09:30</td>
<td>SESSION 52: UPDATE ON ULTRASOUND IN REPRODUCTIVE HEALTH CARE</td>
<td>Room 1</td>
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<td>Automated ultrasound in reproductive medicine</td>
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<td>Introducing virtual ultrasound training as a new teaching tool in early pregnancy</td>
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<td>08:30 - 09:30</td>
<td>SESSION 53: PARAMEDEICAL INVITED DEBATE SESSION</td>
<td>Room 5</td>
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<td>Laboratory (Debate) - Is there time for time-lapse in the laboratory?</td>
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<td>10:00 - 11:15</td>
<td>INDUSTRY-SPONSORED SYMPOSIUM</td>
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<td>10:00 - 11:45</td>
<td>SESSION 54: CLINICAL ENDOCRINOLOGY (2)</td>
<td>Room 14</td>
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<td>10:00 - 11:45</td>
<td>SESSION 55: GENES AND EMBRYO DEVELOPMENT</td>
<td>Room 13</td>
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<td>10:00 - 11:45</td>
<td>SESSION 56: STEM CELLS &amp; TRANSLATIONAL RESEARCH</td>
<td>Room B1 (Hall B0)</td>
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<td>10:00 - 11:45</td>
<td>SESSION 57: FEMALE REPRODUCTIVE PHYSIOLOGY</td>
<td>Room B2 (Hall B0)</td>
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<td>10:00 - 11:45</td>
<td>SESSION 58: MALE AND FEMALE FERTILITY PRESERVATION</td>
<td>Room 5</td>
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<td>12:00 - 13:00</td>
<td>SESSION 59: DOES DELAYED TRANSFER GIVE BETTER RESULTS (FREEZE ALL POLICY)?</td>
<td>Room 14</td>
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<td>Avoiding neurologic injuries due to patient positioning; safe trocar entry; complications related to robotic surgery</td>
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<td>Bowel and urologic injuries; complications from morcellation</td>
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<td>12:00 - 13:00</td>
<td>SESSION 60: SOCIETY OF REPRODUCTIVE SURGEONS SYMPOSIUM - &quot;PREVENTION AND MANAGEMENT OF LAPAROSCOPIC COMPLICATIONS”</td>
<td>Room 1</td>
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<td>12:00 - 13:30</td>
<td>SESSION 61: INFERTILITY TRIALS: ROADMAP TO SUCCESS</td>
<td>Room 5</td>
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<td>Clinical trials in infertility with traditional Chinese medicine: lessons in infrastructure and team building</td>
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<td>Resource intensive multicenter trials in infertility: Strengths and weaknesses</td>
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<td>Pragmatic multicenter clinical trials in infertility: Streamlining the trial enterprise</td>
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<td>Clinical trials and treatment of infertility in low resource settings</td>
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<td>14:00 - 15:15</td>
<td>Session 62: A Look Inside the Oocyte</td>
<td>Room 14</td>
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<td>14:00 - 15:15</td>
<td>Session 63: Basic Endocrinology</td>
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<td>14:00 - 15:15</td>
<td>Session 64: How to Get the Most Out of Your Embryos</td>
<td>Room 13</td>
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<td>14:00 - 15:15</td>
<td>Session 65: Origin and Diagnosis of Meiotic Errors</td>
<td>Room B1 (Hall B0)</td>
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<td>14:00 - 15:15</td>
<td>Session 66: Female Infertility: Diagnosis and Treatment</td>
<td>Room B2 (Hall B0)</td>
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<td>Session 67: Genetics in Andrology</td>
<td>Room 5</td>
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<td>15:30 - 16:30</td>
<td>Session 68: Closing and Award Ceremony</td>
<td>Room 1</td>
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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  O-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  O-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’Obstetricia 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. Scheffer3, I.A.J. Van Rooij1, A. De Vet4, B.W.J. Mol5, 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, Gent, Belgium
2University Ghent, Basis Medical Science Faculty of Medicine and Health Science, Gent, Belgium
3University Hospital Ghent, Gynaecology, Gent, Belgium
4University Hospital Ghent, Endocrinology, Gent, 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. Eise1, 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. Grzegorczyk-Martin1, J. Roset1
1Clinique Mathilde, Medecine de la Reproduction, Rouen Cedex, France

11:30  O-208  ESHRE guideline: Management of women with Premature Ovarian Insufficiency
M. Davies1
1University College London Hospitals Trust, Reproductive Medicine Unit, London, United Kingdom
### 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Authors</th>
<th>Institutions</th>
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<tbody>
<tr>
<td>10:00</td>
<td>RNA sequencing provides new insights into the timing of embryonic genome</td>
<td>E. Woit¹, A. Graf¹, S.T. Krebs¹, V. Zakhartchenko¹, H. Blum¹</td>
<td>Gene Center LMU Munich, Molecular Animal Breeding and Biotechnology, Munich, Germany</td>
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<tr>
<td>10:15</td>
<td>PGS results in cycles producing day 5 and day 6 blastocysts</td>
<td>K. Ketterson¹, D. Hill¹, J. Barritt¹, P. Colls¹, E. Milts¹, C. Wagner¹, A. Beltsos³, C. MacCaffrey⁴, J. Grifo², S. Munne¹</td>
<td>Reprogenetics, Livingston, U.S.A. SCRC, Beverly Hills, U.S.A. Fertility Centers of Illinois, Highland Park, U.S.A. New York University Fertility Center, New York, U.S.A.</td>
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<tr>
<td>10:30</td>
<td>Analysis of clinical outcome performing fresh or vitrified-warmed blastocyst transfer after trophectoderm biopsy in 307 Preimplantation Genetic Screening with array comparative genomic hybridization cycles</td>
<td>A. Colasante¹, M.G. Minasi¹, A. Ruberti¹, V. Casciani¹, R.P. Cotarello¹, S. Bono², A. Nuccitelli², A. Biricik¹, K. Litwicka¹, C. Mencacci¹, F. Fiorentino², E. Greco¹</td>
<td>European Hospital, Medicina della Riproduzione, Rome, Italy Genoma, Molecular Genetics Laboratory, Rome, Italy</td>
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<td>10:45</td>
<td>Morphology dynamics of multinucleation affects embryo chromosome content</td>
<td>E. Muñoz Muñoz¹, M. Ojeda³, M. Perez³, E. Taboas³, M. Meseguer³, J. Aguilar²</td>
<td>IVI Vigo, Reproductive Medicine, Vigo, Spain IVI Vigo, IVF Laboratory, Vigo, Spain IVI Valencia, IVF Laboratory, Valencia, Spain</td>
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<tr>
<td>11:00</td>
<td>Vitrified embryo transfer (VFET) success of euploid blastocysts (BL) is similar among morphologic quality grades</td>
<td>M.C. Schieve¹, J.B. Whitney¹, N. Nugent¹, S. Zozula¹, R.E. Anderson¹</td>
<td>Southern California Institute for Reproductive Sciences, ART, Newport Beach CA, U.S.A.</td>
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<td>11:15</td>
<td>Analysis of morphology, morphokinetic and ploidy status in 1035 biopsied blastocysts.</td>
<td>M.G. Minasi¹, A. Colasante¹, A. Ruberti¹, A.M. Lobascio¹, A. Nuccitelli², L. Spizzichino², A. Biricik¹, M.T. Varricchio¹, K. Litwicka¹, F. Fiorentino², E. Greco¹</td>
<td>European Hospital, Medicina della Riproduzione, Rome, Italy Genoma, Molecular Genetics Laboratory, Rome, Italy</td>
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</table>
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. Villesen¹, J.M. Jensen², J.J. Hindkjær³, S. Kalvraa¹, H.J. Ingerslev¹, K. Lykke-Hartmann²

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. Deforce4, T. Deroo1, P. De Sutter1
1University Hospital Ghent, Department for Reproductive Medicine, Gent, Belgium
2Ghent University, Laboratory for Pharmaceutical Biotechnology, Gent, Belgium
3University Hospital Ghent, Department of Pediatric Neurology & Metabolism, Gent, 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. Dé1, 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. Warrier1, 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. Tourpin1, V. Mucznynski2, A. Benachi1, V. Rouiller-Fabre1, 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-Alejandre1, B. Liedl1, S. Reese1, 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 Urogential 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. Granne 1, T. Child 2, I.L. Sargent 1, J.H. Southcombe 1
1 Oxford University, Nuffield Department of O&G, Oxford, United Kingdom
2 Oxford 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-Sanchis 1, I. Cervelló 1, S. Khurana 2, A. Faus 1, C. M. Verfaillie 2, C. Simón 1
1 Fundación IVI Instituto Universitario IVI/INCLIVA, Fundación IVI, Paterna (Valencia), Spain
2 Stem 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. Cheong1, N. Brook2, N. Macklon2, F.D. Houghton2
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, 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. Grümmer2, B. Horsthemke2, U. Eichenlaub-Ritter3
1University of Bielefeld, Microbiology and Genetotechnology, 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-Ahmed2, 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 Andersen1, M.L. Grændahl3
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)
S. 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. Vento1, M.R. Guglielmino1, J. Wahlgren2, M. Ragusa1, D. Barbagallo1, P. Borzi2, S. Rizzari2, M. Maugeri1, P. Scollo1, C. Tatone1, H. Valadi1, M. Purrello1, C. Di Pietro1
1University of Catania, GF Ingrassia, Catania, Italy
2Azienda Ospedaliero 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. Rogenhofer1, I. Götzfried1, T. Nguyen1, J. Pagel1, S. Kammerer1, S. Hillerink1, 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
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. Duchesne1, K. Lebeche1, S. Hennebicq1, J. Saias1, F. Brugnon4, J. Auger1, I. Berthaut1, E. Szerman1, 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
3Grenoble 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, Rouen, 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. Ferrières1, S. Bringer1, A. Gala2, V. Loup3, 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. Martinez², M. Walschaerts³, M. Lemitouard⁴, N. Moinard⁴, R. Borye¹, M. Daudin², C. Thomas-Cadi¹, J. Auger¹, I. Berthaut⁴, F. Brugnon⁵, J. Saias⁶, E. Szerman⁷, N. Rives², 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. Nawroth¹, B. Lawrenz⁵, M. Henes², S.T. Friebel⁵, A. Rohde¹, M. Von Wolff²

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  O-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  O-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
  ¹The 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
  ¹The 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  O-241  Clinical trials in infertility with traditional Chinese medicine: lessons in infrastructure and team building
X. Wu
1Heilongjiang University of Chinese Medicine, OB GY, Harbin, China

12:20  O-242  Resource intensive multicenter trials in infertility: Strengths and weaknesses
R. Legro
1The Pennsylvania State University College of Medicine, Obstetrics and Gynecology, Hershey, U.S.A.

12:40  O-243  Pragmatic multicenter clinical trials in infertility: Streamlining the trial enterprise
B.W. Mol
1Center for Reproductive Medicine, Amsterdam, The Netherlands

13:00  O-244  Clinical trials and treatment of infertility in low resource settings
S. Van der Poel
1World Health Organisation, RHR/HRP, Geneva 27, Switzerland

13:20  Discussion
Session 62: A look inside the oocyte
Chairman: K. Lundin (Sweden)
Chairman: F. Geisthövel (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, Biogenesis 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
1Biogenesis 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  Prostasomes 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. Hantisteau1, 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. Dulohery1, M. Trottmann2, B. Liedl3, I. Alba-Alejandre4, S. Reese1, 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

14:45  O-253  The hypothalamic hormone neuropeptide B: a novel therapeutic target for menopausal hot flushes
A.N. Comninos1, C.N. Jayasena1, E. Stefanopoulou1, A. Buckley1, J. Mogford1, C. Izzi-Engbeaya1, R. Ratnasabapathy1, S. Narayanaswamy1, M.A. Ghatgi1, 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, Obstetrics 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. Matorras¹
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

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. Garrido¹, A. Coello¹, D. Castello¹, A. Pellicer¹, J. Remohi¹
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. Xanthopoulou1, 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 trophectoderm 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. Handyside3, S. Munne4
1Reprogenetics LLC, Livingston, New Jersey, U.S.A.
2Illumina, Fulbourn, Cambridge, United Kingdom
3Istituto Valenciano de Infertilidad (IVI), Valencia, Spain
4IviGen, Miami, U.S.A.

14:45 O-263 From polar bodies to blastocysts: meiotic errors and chromosome segregation
A. Pomante1, M.C. Magli2, A. Crivello1, G. Cafueri2, M. Valerio1, A.P. Ferraretti1, L. Gianaroli1
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. Michel1, A. Mercader2, F. Kokocinski2, L. Rodrigo1, A.J. Bladon2, E. Mateu1, N. Al-Asmar4, D. Blesa1, C. Simón1, C. Rubio4
1IVIOMICS S.L., Paterna, Spain
2Illumina Inc., Cambridge, United Kingdom
3Instituto Valenciano de Infertilidad (IVI), Valencia, Spain
4WiGen, Miami, U.S.A.
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, L. Gavzani1, C.R. Kingsland1, Z. Alfirevic1, M. Turner1, Y. Sajjad1, P. Hardy4, J. Townsend6
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. Brandes1, J. Gianotten1, P.J.Q. Van der Linden1, P.G.A. Hompes2, B.W.J. Mol7
1Academic Medical Centre, Centre for Reproductive Medicine, Amsterdam, The Netherlands
2Catharina Ziekenhuis, Department of Obstetrics and Gynaecology, 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 Frangez2, I. Verdenik1, U. Kladnik1, 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  0-269  Self-operated endo-vaginal tele-monitoring versus traditional monitoring of ovarian stimulation in ART: prospective randomized trial

J. Gerris1, F. Vandekerckhove1, A. Delvigne2, N. Dhont1, B. Madoc1, J. Neyskens1, M. Buyle1, E. Deschepper1, L. Pi1, W. Verpoest1, D. Debacquer2, L. Annemans1, P. De Sutter2

1 University Hospital Ghent, Centre for Reproductive Medicine - Dept. of OB/GYN, Gent, Belgium
2 Clinique St Vincent, Centre for Reproductive Medicine - Dept. of OB/GYN, Liège, Belgium
3 Ziekenhuis Oost-Limburg, Centre for Reproductive Medicine - Dept. of OB/GYN, Genk, Belgium
4 University Hospital Gent, Centre for Reproductive Medicine - Dept. of OB/GYN, Gent, Belgium
5 University Hospital Gent, Unit for Biostatistics, Gent, Belgium
6 University Hospital Gent, Department of Health-economics, Gent, Belgium
7 University Hospital VUB, Centre for Reproductive Medicine, Brussels, Belgium
8 University Hospital Gent, Department of Public Health, Gent, Belgium
9 University Hospital Gent, Centre for Reproductive Medicine, Gent, Belgium
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. Veltman³
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. Blanca¹, B. Lledo¹, 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. Sabbaghihari¹, A. Mohseni Meybodi², M. Rostami Chayjan¹, M. Abedini Marghzari¹, M. Hassaní³, M. Alikhani², M. Totonchi², U. Asadpour⁴, P. Eftekhar-Yazdi¹, R. Omani Samani², H. Gourabi², M.A. Sadighi Gilani²
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. Wang³, M. Seth-Smith³, Y. Kramer³, 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. Buonomo³, E. Gismanò³, A.P. Ferraretti³, L. Gianaroli³
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

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. Damiano¹, F. Montorsì¹, 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. Montorsì¹, 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. Montorsì¹, 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. Paiva², 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, 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. Carballó1, M. Brasescu1  
1CIRH. 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  
1University 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. Celicchia1, E. Ventimiglia1, P. Capogrosso1, A. Serino1, L. Villa1, G. Castagna1, A. Russo1, F. Castiglione1, G. La Croce1, G. La Croce1, R. Maloo1, R. Damiano1, F. Montorsi1, A. Salonia1  
1San Raffaele Scientific Institute, Urology, Milano, Italy  
2Magna 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 Plessis1  
1Steve Biko Academic Hospital - University of Pretoria, Department of Obstetrics and Gynaecology Reproductive Biology Laboratory, Pretoria, South Africa  
2Stellenbosch 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  
1University 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  
1Charles University The Faculty of Medicine, Dept. of Histology and Embryology and Biomedical Centre, Plzen, Czech Republic  
2WF Centers - Prof. Zech, Institute of Reproductive Medicine and Endocrinology, Plzen, Czech Republic  
3Charles University The Faculty of Medicine, Dept. of Physiology, Plzen, Czech Republic

P-013  Polymethylpyrrolidone versus hyaluronic acid: which is more efficient in iCSI procedures with sibling oocytes - a prospective study  
P. Valero1, M. Guera2, B. Monge1, J. Serna1, E. Gil1, R. Herrera1  
1Instituto Valenciano de la Infertilitat (IVI), Laboratory, Zaragoza, Spain  
2Instituto Valenciano de la Infertilitat (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  
1University 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. Hessel1, A. Meissner1, F. Van der Veen1, S. Repping2, 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 Matteo2, R. Talevi2, G. Coppola2
1Centro Fecondazione Assistita, Biology of Reproduction, Napoli, Italy
2National Research Counsel, Microelectronics and Microsystems, Napoli, Italy
3SUN Seconda Università di Napoli, Sperimantal Medicine, Napoli, Italy
4University Federico II, Structural and Functional 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. Schwarzer1, F.M. Köhn2, 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-Larrea3, F. Quintana3, 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. Carlomagno1, 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. Pouly¹, A.S. Greneau³, L. Bouillet³, J. Drevet¹, L. Janny³, P. Brugnon⁵
¹CHU Clermont-Ferrand, Biologie de la reproduction, Clermont-Ferrand, France
²Université 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
⁴Université d’Auvergne INSERM U1107, NEURO-DOL, Clermont Ferrand, France
⁵Université d’Auvergne Université d’Auvergne CNRS 6293-INSERM U1103, Biochimie, Clermont Ferrand, France

P-023 Is Liver X Receptor alpha1 interesting to predict successful testicular sperm recovery in men with hypospermatogenesis?
C. Chauffour¹, C. Rondanino¹, L. Ouchchane¹, B. Sion¹, G. Marceau¹, H. Pons-Rejraji¹, J.L. Pouly¹, P. Dechelotte¹, L. Janny¹, J.M. Lobaccaro⁴, D.H. Völle⁴, F. Brugnon¹
¹CHU Clermont Ferrand Université d’Auvergne UMR CNRS 6293-INSERM U1103, Biologie de la reproduction, Clermont Ferrand, France
²Université d’Auvergne Université d’Auvergne CNRS 6293-INSERM U1103, Biochimie, Clermont Ferrand, France
³CHU Clermont Ferrand Université d’Auvergne UMR CNRS 6293, Biochimie, Clermont Ferrand, France
⁴Université d’Auvergne UMR CNRS 6293-INSERM U1103, Gred, Clermont Ferrand, France
⁵Université 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. Du¹, Y. Zhang³, F.S. Zhou¹, 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. Cihla1, H. Konecna1, J. Zakova1, J. Bursikova1, Z. Zdrahal1, 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. Maremonti2, O. Gliozheni2, K. Kati3, V. Verriello1, D. Vizziello3  
1Momofertilife, IVF Unit, Biscaglie, Italy  
2University, Department of Gynecology and Obstetrics, Tirana, Albania  
3Momofertilife, Department of Gynecology and Obstetrics University, Biscaglie, Italy  
4University, Department of Gynecology and Obstetrics, Biscaglie, Albania  
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Cross border reproductive care

P-029  Surplus embryo destination in Spain according to patient nationality  
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Developing countries and infertility

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

P-031  Lack of FcRn binding in vitro and no measurable levels of ex vivo placental transfer of certolizumab pegol  
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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  
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1Private Practice, Anfa, Casablanca, Morocco

P-033  How indicative are the standard investigations in recurrent pregnancy loss?  
L. Dhaenens1, C. De Roo1, H. Deunne1, K. Tillemans1, F. Vandekerckhove1, J. Gerris1, P. De Sutter1  
1University Hospital Ghent, Reproductive Medicine, Gent, 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
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P-035 Clinical significance of biochemical pregnancy and its predictive value in the subsequent cycles in assisted reproduction
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P-036 Sera of patients with recurrent miscarriages containing anti-trophoblast antibodies (ATAB) reduce secretion of hCG and progesterone in trophoblast cells in vitro
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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
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P-039 Insufficient maintenance ten-eleven translocation 1-3 is associated with early pregnancy loss
A.H. Wu¹, Y.D. Liu¹, X. Chen¹, W. Li¹, Y.X. He¹, F.H. Duan¹, J. Niu¹, P. Li¹, S.L. Chen¹
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P-040 Expression of vascular endothelial growth factor a and its receptor in gdm-affected placental tissues
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P-041 Performance of nine home urinary hCG (human chorionic gonadotropin) pregnancy tests
D. Broomhead¹, S. Johnson¹
¹SPD Development Company Ltd, Scientific Medical and Clinical affairs, Bedford, United Kingdom
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
E. Hashimoto¹, T. Ebara², C. Yamada-Namikawa³, T. Kitaori¹, N. Suzumori¹, K. Katano¹, Y. Ozaki¹, M. Sugihara-Ogasawara¹
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³Nagoya City University, Biochemistry II, Kawasumi 1 Mizuo-ku Nagoya Aichi 4678601, Japan

P-043  Determination of clinically significant tests for anti-phospholipid antibodies and cutoff levels for obstetric antiphospholipid syndrome
T. Kitaori¹, M. Sugihara-Ogasawara¹, K. Oku², W. Papisch², Y. Ozaki¹, T. Atsumi²
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P-044  Does the depth of embryo transfer affect the chances of pregnancy and risk of ectopic pregnancy?
T.K. Cunningham¹, P. Lesny¹, S.D. Maguness¹
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
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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. Cohen²
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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. Cohen²
¹Cooper Institute for Reproductive Hormonal Disorders P.C., OB/GYN, Marlton, 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
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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)

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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

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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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P-053 Association of bacterial vaginosis and vitamin D deficiency in the first half of pregnancy

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P-054 Infertility and advanced age women

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P-055 Is anti-müllerian hormone, a determinant in unexplained recurrent miscarriage

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P-056 Polymorphisms in the FOXP3 gene show association with unexplained recurrent spontaneous abortion: a study from Iran

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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

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P-058  The effect of sildenafil (Viagra™) on live birth and the development of mouse offspring
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P-059  Uterine and peripheral natural killer cells do not correlate in RSA and RIF patients
T. Gögg1, R.J. Kuon1, B. Toth1, T.H. Strowitzki1, V. Daniel1, M. Weber2
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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
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P-061  Subendometrial blood flow assessment in recurrent unexplained first trimester abortion
A. Taher1, M. Sharaf1, S. Hefny1, H. Al-Irany1
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P-062  Th17 and treg cells in recurrent miscarriage
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P-063  Intravenous lipid administration in RPL and RIF patients with elevated uterine natural killer cells
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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. Dürl1, R. Ochsenkühn2, M. Trottmann2, O. Steinlein1, S. Müller1, C.J. Thaler1
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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. Campbell1, M. Laegdsmand2, S. Fishel2
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P-066  Comparison of embryonic development by pronucleus diameter and differences in second synchrony using time-lapse monitoring
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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
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P-068  Alteration of mitochondrial activity during vitrification of mouse immature oocyte might be recovered by extending g1 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
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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
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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
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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
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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
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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
1IVI Madrid, FIV, Madrid, Spain

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. Aflatoonian1, S.M.H. Noori Mugahi1, F. Akbari Asbagh1, S.H. Aghaee-Bakhtiari1, B. Aflatoonian1
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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. Zhang¹, F. Gong¹, K. Tang¹, C.F. Lu¹, 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. Haeberlin¹  
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²Repro-Support Medical Research Centre, Development, Tokyo, Japan

P-083  Euploid status and single embryo transfer success is independent of Day 5 and Day 6 blastocyst development  
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P-084  The timing of vitrification protocols and the collapse technique affects the re-expansion rates and hatching potential of expanded mouse blastocysts  
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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. Kato¹  
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P-087  The appearance of multinucleation at 2-cell stage does not adversely affect the implantation potential  
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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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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

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P-090  Does female age matter when selecting blastocysts for transfer using a novel morphokinetic based blastocyst selection algorithm?

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P-091  Vimentin: a protein important for human oocyte maturation and fertilization?

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P-092  Micro-vibration culture and group culture increase fertilization and implantation rates in human embryos

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3Kinderwunsch-Zentrum Ulm, ART, Ulm, Germany
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P-093  Retrospective assessment of second polar body alignment using time lapse imaging

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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?

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P-095  Time lapse monitoring: a comparison between embryos development from fresh ejaculated and cryopreserved testicular spermatozoa in ICSI cycles
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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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P-097  Cryopreservation to synchronize 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
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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. Lazarou1, K. Mauraki1, S. Bellou1, P. Sakaloglou1, C. Kostoulas1, E. Hatzi1, V. Galani1, K. Zikopoulos1, T. Tzavaras1, L. Georgiou1
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P-100  The time interval between blastocyst formation and freezing affects pregnancy rates in freeze-thaw embryo transfer
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P-101  Comparison of the clinical outcomes between Hyaluronan-enriched and autologous follicular fluid supplemented transfer medium
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P-102  Clinical outcomes of vitrified-thawed blastocysts obtained from coculture with autologous cumulus cells versus sequential media
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P-103  Measuring the embryonic effects of vascular endothelial growth factor (VEGF) using a simple murine blastocyst outgrowth study
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P-104  Rescue of human oocytes with poor membrane stretchiness shown during ICSI, by identifying extra stretchy oolemmal regions using a piezo-micromanipulator
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P-105  Prediction model for blastocyst formation through multivariable analysis of morphokinetic data from an automatic time-lapse system
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P-106  Vitrification solutions improves the immature oocyte in vitro maturation by inducing an increase of intracellular Ca2+ concentrations
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P-107  Customized morphokinetic model for blastocyst selection by time-lapse system
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P-108  Comparison of embryos morphokinetic pattern according to the sperm origin
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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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2The School of Public Health of Sun Yat-sen University, Medical Statistics and Epidemiology, Guangzhou, China
P-111 Embryo quality and clinical outcomes using embryoscopetm, minctm and heracelltmt 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
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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
M.P. Diamond1, L. Tan2, J. Conaghan3, K. Ivani4, A. Le5, A.A. Chen2, S. Shen2, V. Suraj2
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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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**Spindle presence in metaphase-II oocytes and its relationship with blastocyst formation**

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**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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**Ignorance is bliss - the importance of the cleavage stage morphology evaluation for blastocyst transfer in good prognosis patients**

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**Closed oocyte vitrification in an egg donation program: from oocyte to live birth**

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**Predictive factors of embryo implantation, either at cleavage or blastocyst stage, according to time-lapse analysis**

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**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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**Comparison of blastocyst culture outcome obtained in 180 ICSI cycles with standard or time-lapse incubation and with three different media systems**

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**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  
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2Asada Ladies Nagoya Clinic, Center for reproduction, Nagoya, Japan  
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5Asada Ladies Kachigawa Clinic, Department of Obstetrics and Gynecology, Kasugai, Japan  
6Asada Ladies Nagoya Clinic, Department of Obstetrics and Gynecology, Nagoya, Japan

P-127  Utility of elective single frozen embryo-transfer (eSFET)  
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2Centro MasVida, Unidad de Reproducción, Sevilla, Spain

P-128  Oocytes affected by smooth endoplasmic reticulum aggregates can produce healthy babies  
1CHU Saint-Pierre, Gynécologie-Obstétrique, Brussels, Belgium

P-129  Predictive factors of good quality blastocyst formation according to time-lapse analysis  
C. Splingart, J. Lammers, N. Le Fleurer, P. Barrière, T. Fréour  
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P-130  Temperature stability is improved by introducing a novel air warming system during extended micromanipulation procedures  
S. Wheat, K. Vaughan, S.J. Harbottle  
1Cambridge IVF, Addenbrookes Hospital, Cambridge, United Kingdom

P-131  Single versus double blastocyst embryo transfer  
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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  
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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. Ma, A.P. Kao, C.R. Tseng  
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Are late morphokinetic parameters useful in identifying the blastocysts within a cohort that are most likely to implant?
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Improvement of survival rate in euploid blastocysts coming from day3 biopsied embryos and collapsed with a laser shot before vitrification
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Categorisation of embryo developmental potential using computerised time-lapse evaluation of early stage development reveals differences in morphology and viability between three defined categories
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Software based analysis of Local Zona Pellucida Thickness Variation: Bending Energy as a predictive window on Day 2 embryo fate
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Promising transfer and pregnancy rates utilizing consecutive ‘freeze all’-cycles and trophoderm aneuploidy screening
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The use of live birth as an outcome measure for a new morphokinetic based blastocyst selection algorithm
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Human ART culture media have no effect on apoptosis in mouse pre-implantation embryos
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P-141 Microfluidics device applied to embryo culture improves blastocysts morphology
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P-142 Does blastocyst pre-freeze grade, extent of survival and expansion have an effect on pregnancy outcome?
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P-143 Use of GM-CSF supplemented IVF medium in patients with recurrent implantation failure: a controlled trial
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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
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P-145 IntegraTi versus Integra3 (I3): a prospective randomised sibling study assessing fertilisation outcome, embryo quality and morphokinetic parameters
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P-146 The effects of maternal hyperhomocysteinemia on embryo quality in mice
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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
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Successful treatment with Ca2+-ionophore in cases of previous developmental problems: a multicentre study

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Morphokinetic assessment using time-lapse imaging allows more accurate identification of embryos with multiple rather than single aneuploidies up to the 8-cell stage

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Consensus guidelines on the terminology and definitions for human pre-implantation embryo time-lapse monitoring by an expert panel

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Aneuploidy and implantation potential of euploid blastocysts cannot be predicted by non-invasive morphokinetic analysis during in vitro culture

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The effect of group embryo culture strategy based on pronuclear pattern on blastocyst development: a two-centre analysis

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Clinical benefit of zona free embryo transfer examined with blastocyst grade

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P-154  Assessing the impact of factors derived from morphokinetic analysis in decreasing implantation potential of morphologically good embryos
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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
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P-158  Abnormal spindles in human blastocyst increase with maternal age
S. Hashimoto1, A. Amo1, M. Inoue1, K. Yamaoka1, 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
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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. Horiuchi1
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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. Horiuchi1
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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

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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

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P-164 Disproportion of sex ratio within aneuploid embryos after acgh

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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?

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P-166 The rate of blastocyst development affects cycle outcome in both fresh and frozen embryo replacement cycles

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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

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P-168 The synchronicity of mitotic divisions predicts embryo implantation and live birth

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P-169 Soybean phosphatidylcholine modifies the lipid profile of bovine oocytes after short-term exposure during in vitro maturation

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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

I. Kosciński1, L. Ladureau-Fritsch1, C. Greve1, C. Celebi1, I. Lichtblau1, M. Teletin1, O. Pirrello1, N. Guymard1

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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. Messini1, K. Dadopoulos1, S. Kouris1, N. Vamvakopoulos1  
1University of Thessaly, Department of Obstetrics and Gynaecology, Larissa, Greece

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F. Brambillasca1, P.V. Novara1, C. Brigante1, I. Calieri1, T. Guarnieri1, A. Epis1, L. Maragno1, M. Mignini Renzini1, M. Dal Canto1, G. Coticchio1, R. Fadini1  
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The effect of ovarian reserve parameters on biomarkers identified with time-lapse imaging  
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1Harvard Medical School Massachusetts General Hospital Fertility Center, Department of Obstetrics/Gynecology/Reproductive Endocrinology and Infertility, Boston MA, U.S.A.

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. Wei1, R.Q. Li1, S.B. Ou1, N.F. Zhang1, W.J. Wang1, Q.X. Zhang1, D.Z. Yang1  
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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

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The effect of sperm source and artificial oocyte activation (AOA) on early embryo morphokinetics can diminish before implantation  
O. Sahin1, M. Serdarogullari2, N. Findikli2, M. Gultomruk2, T. Aksoy2, U. Ulug3, M. Bahceci3  
1Sahin, Embryology Laboratory, Istanbul, Turkey  
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3Bahceci Fulya IVF Centre, Embryology Laboratory, Istanbul, Turkey  
4Bahceci Umut IVF Centre, Clinical Department, Istanbul, Turkey  
5Bahceci Fulya IVF Centre, Clinical Department, Istanbul, Turkey
Higher pregnancy rate using low oxygen incubators in comparison with standard high oxygen incubators for day 3 embryotransfer: a prospective randomised clinical trial
D. Albu¹, A. Albu², T. Leonard³
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²UMF Carol Davila Elias Hospital, Endocrinology, Bucharest, Romania
³Life Memorial Hospital, Embriology, Bucharest, Romania

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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³Vaunshdhara Clinic & Assisted Conception Centre, Embryology, Nagpur, India

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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²Prefectural University of Hiroshima, Department of Life Sciences, Shobara, Japan

Evaluation of developmental rate and expression of Bax, Bcl-2 and ErbB4 in pre-implantation mouse embryos after re-vitrification
N. Gharenaz.majidi¹, M. Mavahedin.¹, Z. Mazaheri.¹
¹Modares University, Anatomy, Tehran, Iran

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
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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
¹Virtus Health, Queensland Fertility Group, Toowoomba, Australia

Comparison of the clinical outcomes between fresh blastocysts transfer and vitrified-thawed blastocysts transfer
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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

1University of Bern, Department of Clinical Research, Berne, Switzerland
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

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P-187  The endometrial stem cell marker Musashi 2 is associated with severity of endometriosis and cycle phase
A. Schüring1, K. Hermès1, 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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1Johns Hopkins Medicine, Gyn/Ob, Baltimore MD, U.S.A.
2Cathay General Hospital, Obstetrics and Gynecology, Taipei City 106, Taiwan R.O.C.

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 Hooff1, C.M. Boomsma1, D. Van Leenen1, M.J.A. Groot Koerkamp1, M. Goddijn1, M.J.C. Eijkemans1, B.J.C.M. Fauser1, F.C.P. Holstege1, N.S. Macklon1

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4University Medical Center Utrecht, Julius Center for Health Sciences and Primary Care, Utrecht, The Netherlands
5University of Southampton, Human Development and Health Faculty of Medicine, Southampton, United Kingdom
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

J. Bartley1, A.D. Ebert1, K.H. Schweppe1

1Charité Universitätsmedizin, Gynecology, Berlin, Germany
2Praxis für Frauengesundheit, Gynecology, Berlin, Germany
3Endometriosezentrum Krankenhaus Westerstede, Gynecology, Westerstede, Germany

P-192  G-CSF instillation in bad prognosis patients may improve embryo implantation in an oocyte donation program

N. Szlár1, A. Joulianos2, M. Fernandez2, E. Rocafort1, I. Herrera1, S. Rogel1, J. Aizpurua1

1IVF Spain, Medical Doctor, Alicante, Spain
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. Fanale1, G. Cicero1, G. De Leo1, F. Sammartano1, R. Alessandro1, 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 TGFß1 on fibroblast and endometriotic epithelial cell proliferation

M. Ibrahim1, M.L. Barcena De Arellano1, V. Chiantera2, S. Frangini2, S. Younes2, S. Mechsner2

1Charite Universitaetsmedizin, Endometriosis Centre - Gynecology, Berlin, Germany
2Charite Universitaetsmedizin, Gynecology, Berlin, Germany

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. Candiani2, S. Ferrero2

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4Department of Obstetrics and Gynecology, San Martino Hospital and National Institute for Cancer Research, Department of Obstetrics and Gynecology

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. Ruiz-Galdón1, A. Reyes-Engel1

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2Faculty of Medicine, University of Malaga, Biochemistry and Molecular Biology
P-198  Dyspareunia in women with endometriosis
1Cantonal Hospital of Winterthur, Department of Gynecology and Obstetrics, Winterthur, Switzerland
2Cantonal Hospital of Baden, Department of Gynecology, Baden, Switzerland
3University Hospital of Zurich, Division of Reproductive Endocrinology, Zürich, Switzerland
4RWTH 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
1University 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
1University 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. Cha1, S.K. Dey1, T. Fuji1, Y. Osuga1
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2the 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
1Newcastle University, Institute of Cellular Medicine, Newcastle upon Tyne, United Kingdom
2University of Liverpool, Institute of Translational Medicine, Liverpool, United Kingdom

P-203  Andullation 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
1IVF-Centers Prof. Zech, IVF-Centers Prof. Zech-Bregenz, Bregenz, Austria

P-204  Endometriosis in Primary Care Practice: General Practitioners’ medical strategies and knowledge
A. Nap1, M. Van der Zanden2
1Ziekenhuis Rijnstate, Department of Gynaecology and Obstetrics, Arnhem, The Netherlands
2Radboud University Medical Centre, Department of Gynaecology and Obstetrics, Nijmegen, The Netherlands

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
1Yamaguchi 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
D. Haouzi, L. Bissonnette, S. Traver, S. Bringer-Deutch, H. Dechaud, S. Hamamah
1 Institut de Recherche en Biothérapie - INSERM U1040, CHRU Montpellier Hôpital St-Eloi, Montpellier Cédex 5, France
2 CHRU Montpellier Hôpital Arnaud de Villeneuve, Département de Biologie de la Reproduction, Montpellier Cédex 5, France

P-207  S100 protein family member involved in the acquisition of the receptive endometrial phenotype of fertile patients
L. Bissonnette, D. Haouzi, S. Traver, M. Monfort, H. Dechaud, S. Hamamah
1 Institut de Recherche en Biothérapie, CHRU de Montpellier Hôpital St Eloi, Montpellier, France
2 CHRU de Montpellier hôpital Arnaud de Villeneuve, Département de Médecine et Biologie de la Reproduction, Montpellier, France

P-208  Dgcr8-dependent microRNAs are critical for uterine development and physiology in mice
H. Song, Y. Kim, H. Kim, J. Yoon, M. Kim, H. Won, W. Lee, F. DeMayo, J. Lydon, D. Choi, T. Yoon
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4 Baylor College of Medicine, Molecular and Cellular Biology, Houston Texas, U.S.A.
5 Fertility Center of Bundang CHA Women’s Hospital CHA University, Obstetrics & Gynecology, Sungnam, Korea South

P-210  The presence of endometrioma does not impair time lapse morphokinetic parameters and quality of embryos: a study on sibling oocytes
1 Atasehir 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. Mettler, C. Beteta, I. Alkatout, A. Salmassi
1 University Hospital Schleswig-Holstein, Obstet./Gynec., Kiel, Germany
2 Charite Berlin, Frauenklinik, Berlin, Germany
3 University 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
B. Yun, Y. Choi, J. Park, S. Seo, S. Cho, S. Kim, B. Lee
1 Yonsei University College of Medicine, Obstetrics and Gynecology, Seoul, Korea South
2 Gangnam Severance Hospital Yonsei University College of Medicine, Obstetrics and Gynecology, Seoul, Korea South
3 Seoul National University College of Medicine, Obstetrics and Gynecology, Seoul, Korea South

P-213  Capn7 negatively regulates human endometrial stromal cell decidualization through binding to Foxo1
1 The Affiliated Drumtower Hospital, Reproductive Medicine Center, Nanjing Jiangsu, China
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<td>Effect of pre-ovulatory progesterone elevation and duration of progesterone elevation on the pregnancy rate of frozen-thawed embryo transfer in natural cycles</td>
<td>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 1The University of Hong Kong, Obstetrics &amp; Gynaecology, Hong Kong Island, Hong Kong</td>
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<td>Prokineticin 1 leukemia inhibitory factor and Dickkopf 1 mRNA expression in the endometrium of women with unexplained infertility and idiopathic recurrent pregnancy loss</td>
<td>A. Karaer1, Y. Cigremis1, E. Celik1, R. Gonullu1 1Inonu University Medical Faculty, Obstetrics and Gynecology, Malatya, Turkey</td>
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<td>The effect of early timing of hCG triguring on pregnancy rate in patients stimulated with gonadotrophin releasing hormone (GnRH) antagonists for in vitro fertilisation (IVF)</td>
<td>P. Jindal1, R. Singh1 1Bhopal Test Tube Baby Centre, Infertility, Bhopal, India</td>
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<td>Subserosal uterine endometriosis (SSUE) with deeply myometrial invasion: a variant of deeply infiltrating endometriosis (DIE) commonly mistaken as adenomyosis</td>
<td>L.P. Chamie1, R.M.A. Pereira3, D.M.F. Ribeiro3, C.G. Padilla4, P.B. Fettback5, T. Domingues5, E.L.A. Motta5, P.C. Serafini5 1Chamie Female Imaging, Fleury Medicine and Health, Sao Paulo, Brazil</td>
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<td>2Endometriosis Santa Joana, Hospital Santa Joana, Sao Paulo, Brazil 3Clinica Dr. Duarte Miguel, Private Practice, Sao Paulo, Brazil 4Huntington Reproductive Medicine, Private Practice, Sao Paulo, Brazil 5School Medicine University Sao Paulo, Gynecology, Sao Paulo, Brazil</td>
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<td>P-218</td>
<td>IVF outcome in patients with surgically treated deep infiltrating endometriosis</td>
<td>C. Gauche Cazalis1, S. Cohen Scal1, M. Koskas1, C. Chis1, S. Epelboin1, C. Patrat1, D. Luton1, C. Yazbeck1 1Hôpital Bichat-Claude Bernard, Ob Gyn, Paris cedex 18, France</td>
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<td>A randomised control pilot study of the use of intrauterine human chorionic gonadotropin injection before embryo transfer in egg recipient cycles</td>
<td>G. Kokkali1, M. Chronopoulou1, E. Baxevani1, M. Biba1, I. Aggel1, M. Fakiridou1, A. Katouna1, C. Markomichali1, K. Petrousou1, T. Vaxevanogliou1, V. Kellaris1, T. Konstantopoulos1, N. Bathrellos1, K. Sfakianoudis1, K. Pantos1 1Genesis Athens Hospital, Centre for Human Reproduction, Athens, Greece</td>
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<td>P-220</td>
<td>Endometriosis health profile (EHP-30) scores and their association with surgical diagnosis in premenopausal women</td>
<td>K. Hancke1, T. Fried1, P. Widschwendter1, D. Stuck1, T. Gundelach1, W. Janni1, E. Bauer1 1Universitäts-Frauenklinik Ulm, Department of Obs/Gyn, Ulm, Germany</td>
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Ethics and law

P-221 Barriers to the evidence-based management of obese, infertile women
O. Oyesanya
1University of Oxford, Kellogg College, Oxford, United Kingdom

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. Provoost1, J. Ives2, L. Frith3, G. Pennings1
1Ghent University, Bioethics Institute Ghent (BIG), Ghent, Belgium
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
W. Van Hoof1, P. De Sutter2, G. Pennings1
1Ghent University, Bioethics Institute Ghent (BIG), Gent, Belgium
2Ghent University Hospital, Reproductive Medicine, Gent, Belgium

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. LeSaint1, C. Levesque2, A. Castonguay3, P. Lebel3, I.J. Kadoch3
1Clinique Ovo, Ovo Labo, Montréal, Canada
2Clinique Ovo, Ovo R&D, Montréal, Canada
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. Bouiller1, C. De Vienne1
1CHU de Caen, service de gynécologie-obstétrique et médecine de la reproduction, Caen, France

P-226 Array comparative genomic hybridization improves outcomes in women of advanced maternal age compared to standard IVF/ICSI
M. Mohamed1, L. Kellam1, S. Pandey1, D. Maruthini1, K. Dowell1, S. Thornton1, S. Fishel1, M. Ragunath1
1Care Fertility Nottingham, Centre for Reproductive Medicine, Nottingham, United Kingdom

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. Karipcin1, B.A. Levine1, N. Pereira1, Z. Rosenwaks1, D.E. Goldschlag1
1Weill Cornell Medical College, Ronald O. Perelman Claudia Cohen Center for Reproductive Medicine, New York City NY, U.S.A.

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. Kafetzis1, G. Lamanna2, A. Gill3, E. Linara - Dimakakou1, S. Nair2
1The London Women’s Clinic, Recurrent Miscarriage Clinic, London, United Kingdom
2London Women’s Clinic, London Women’s Clinic, London, United Kingdom
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  
E. Gil Arribas¹, R. Herrera Saura¹, P. Valero Sanchez¹, B. Monge¹, J. Serna Lopez¹  
¹Instituto Valenciano de la Infertilidad (IVI), Gynecology, Zaragoza, Spain

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A new lower limit of single mid-luteal serum progesterone level as indicator for ovulation and pregnancy outcome  
R. Venkatakrishnan¹, N. Potdar¹, S. Arshad¹, J. Blower¹, T. Gelbaya¹  
¹Leicester Royal Infirmary, Reproductive Medicine, Leicester, United Kingdom

P-231  
Clomiphene citrate and follicle stimulating hormone for controlled ovarian stimulation in intrauterine insemination (INeS trial)  
M. Van Vliet¹, A.J. Bensdorp¹, I. Custers¹, M.H. Mochtar¹, R.I. Tjon-Kon-Fat¹, P. Hompes², H.R. Verhoeve², J.P. De Bruin³, B.J. Cohen³, J. Gianotten³, F. Van der Veen³, B.W.J. Mol³  
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²Vrije Universiteit Medical Center, Center for Reproductive Medicine, Amsterdam, The Netherlands  
³Onze Lieve Vrouwe Gasthuis, Department of Obstetrics and Gynaecology, Amsterdam, The Netherlands

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Correlation between polymorphisms in genes associated with the estrogen synthesis and its concentrations in blood and follicular fluid  
A. Amaro¹, D. Polerá¹, B. Blanco¹, D. Christofolini¹, C.P. Barbosa¹  
¹Faculdade de Medicina do ABC, Human Reproduction and Genetics Center, Santo André, Brazil

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Perifollicular blood flow and its impact on follicular fluid cytokines in in vitro fertilisation cycles  
N.E. Baskind¹, V. Sharma¹, N.M. Orsi²  
¹Leeds Teaching Hospitals NHS Trust, Reproductive Medicine Unit, Leeds, United Kingdom  
²University of Leeds, Leeds Institute of Molecular Medicine, Leeds, United Kingdom

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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)  
R. Tjon-Kon-Fat¹, A.J. Bensdorp¹, B.W.J. Mol², F. Van der Veen², M. Van Wely¹  
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²University of Adelaide, School of Paediatrics and Reproductive Health, Adelaide, Australia

P-235  
Endometrial scratching in single implantation failure patients improves pregnancy rates in vitrified embryo transfer  
B. Migueles Pastor¹, B. Zamorano², M. Hebles³, P. Sanchez³, F. Sanchez⁴  
¹Ginemed, Laboratory., Sevilla, Spain  
²Ginemed, Obstetrics and Gynecology, Sevilla, Spain
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. Pernia2
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Acetylcholinesterase in the ovary
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The association of serum antimullerian hormone (AMH) and 25-hydroxy vitamin D (25(OH)D) levels in women at young reproductive ages
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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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Effect of r-LH addition in previous unexpected poor ovarian response
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Freeze-all in poor prognosis patients: clinical outcomes of single vitrified euploid blastocyst transfers
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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
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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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P-245  Dehydroepiandrosterone (DHEA) administration prior to IVF in poor responders. A prospective cohort study
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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
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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 ß-hCG compared to fresh single cleavage embryo transfers
E. Esh-Broder1, G. Orion1, 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 hydrosalpinges aspiration and fibrin sealant injection in infertile women with hydrosalpinges undergoing IVF treatment
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**Serological testing for celiac and autoimmune thyroid diseases in infertile women suffering from endometriosis, unexplained infertility and recurrent miscarriage**  
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**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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**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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**The likelihood of spontaneous conception following cessation of IVF & ICSI treatments**  
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**Advantages of three-dimensional sonographic hysterosalpingo-sonography with gel foam in the assessment of tubal patency**  
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Relationship of human chorionic gonadotropin levels after oocyte triggering with oocyte maturation and IVF outcomes  
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Impact of plasma and follicular fluid BMP15 levels on ICSI-ET cycle outcome  
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MIF as a potential biomarker of endometriosis  
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Endometrial thickness and pregnancy rates after IVF: a systematic review and meta-analysis  
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Oxidative stress in the follicle - is it responsible for low response in IVF in young patients  
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Human spermatozoa are killed specifically by candida albicans hyphae
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Association between genotype for a leukemia inhibitory factor (LIF) gene polymorphism in women and pregnancy outcomes after ART

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Ongoing pregnancy rates in intrauterine insemination are affected by late follicular phase progesterone levels
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Should intrauterine inseminations be performed under ultrasound guidance
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Detection of follicle stimulating hormone receptor splicevariants in women undergoing in vitro fertilization
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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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Evaluation of biological efficiency by live birth per oocyte ratio of over 2500 oocytes collected in mild stimulation IVF cycles
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Outcomes of 11 years of assisted reproductive techniques in HIV infected women  
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Cervical surgery and the fertility effect- cSAFE results  
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Intracutaneous 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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Early embryo development in terms of body composition by multifrequency bioelectrical impedance analysis  
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Effects of the antifreeze proteins on the vitrification of mouse oocytes: comparison of three different antifreeze proteins  
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The presence of FSH receptor polymorphism -29 G>A is associated with poor ovarian response in IVF/ICSI cycles
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Correlation between antral follicle counts and the number of oocytes retrieved
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Ovarian reserve and thyroid autoimmunity. A cross-sectional analysis using age-specific AMH levels
E.G. Sakkas\textsuperscript{1}, A. Vaiarelli\textsuperscript{1}, M. Camus\textsuperscript{1}, H. Tournaye\textsuperscript{1}, K. Poppe\textsuperscript{1}, N.P. Polyzos\textsuperscript{1}
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Male and female contraception

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

Measuring effects of cancer therapy upon female fertility
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Natural and assisted fertility outcome in male cancer patient seeking fertility preservation
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Efficacy of random – start controlled ovarian stimulation for emergency fertility preservation in cancer patients
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Vitrification does not increase the apoptosis incidence and caspase 3/7 activity in human ovarian tissue  
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Optimizing ovarian tissue quality prior to cryopreservation for fertility preservation – effects of mechanical separation on cell damage  
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In vivo optical imaging of immature mouse testicular tissue engineering by three-dimensional scaffolds for pre-pubertal male fertility preservation  
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The effects of Angiopoietin-2 on the transplanted mouse ovarian tissue  
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Physiological initiation of early follicular growth in fresh and frozen/thawed prepubertal murine ovarian tissue after dynamic in vitro culture  
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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  
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Xenotransplantation of ovarian tissue into SCID-mice: does stimulation with human gonadotropins and GnRH agonist enhance and accelerate the developmental capacity of oocytes?  
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39 transplantations of cryopreserved ovarian tissue – experience of the network FertiPROTEKT  
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Follicle development after xenotransplantation of cryopreserved/thawed human ovarian tissue in SCID mice within 4 different observation periods  
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Ovarian response among adolescent and young reproductive-aged women undergoing fertility preservation compared with healthy oocyte donors  
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The effect of FSH and activin A activation on Akt and pAkt protein levels of bovine ovarian follicles cultured in vitro  
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Natural ovarian stimulation (natos): an innovative estradiol-sparing, multiple follicle protocol suitable for fertility preservation in women with breast cancer  
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Use of combined oral contraceptive (COC) pill to schedule ovarian stimulation with letrozole for fertility preservation in breast cancer patients  
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Conventional versus slush nitrogen vitrification of human ovarian tissue  
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The research on the xenotransplantation of human frozen-thawed ovarian tissues in vitro culture in the presence of gdnf  
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Knowledge, attitudes and awareness regarding fertility preservation among cancer patients, oncologists and clinical practitioners in Lebanon  
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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. Godijn2  
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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  
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Morphological and apoptotic evaluation of vitrified human ovarian tissue  
R. Fabbrì1, M. Macciocca1, R. Vicenti1, G. Pasquinelli2, S. Venturoli1  
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2S.Orsola Malpighi Hospital - University of Bologna, Clinical pathology - DIMEC, Bologna, Italy
How do female patients experience fertility preservation counselling and decision-making


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Referral of female cancer patients for fertility preservation

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Desire for children and self-reported mental health in 484 female and male survivors of cancer in reproductive age

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Human ovarian tissue viability before and after cryopreservation in a major European centre

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Breakthrough in vitrification methods - a highly secure, safe and efficient aseptic method of vitrifying and storing oocytes for oocyte banking and all IVF indications

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4IANENTRO Fertility Center, Thessaloniki, Greece
5IVF Centers Prof. Zech, IVF Centers Prof. Zech Bregenz, Bregenz, Austria

GnRH agonist Leuprolide acetat does not protect human ovary and granulosa cells from chemotherapy induced damage


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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  
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2Karolinska Institutet, Department of Clinical Science Intervention and Technology (CLINTEC), Huddinge, Sweden

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  
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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  
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P-319  Clinical efficacy of multinucleated blastomeres (mnb)  
Y. Sato1, Y. Nakajo1, Y. Nakamura1, C. Shitara1, M. Takahashi1, K. Kyono1  
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P-320  Assisted hatching on rewarmed blastocysts significantly increases their ability to hatch  
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P-321  Current use and quality assessment of IVF culture media - questionnaire study addressed to embryologists and culture media companies  
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P-322  A study on the reliability of sperm counts measured in capillary-loaded and in coverslip counting chambers  
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Genotype for a herpes virus-associated ubiquitin-specific protease (HAUSP) gene polymorphism in women and pregnancy outcomes after ART


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Embryonic genotype for a herpes virus-associated ubiquitin-specific protease (HAUSP) gene polymorphism and pregnancy outcomes after ART


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Paramedical - nursing

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An unknown world: midwives and nurses’ perspectives of their role in infertility care

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The impact of a group preparation seminar for Japanese couples considering the use of donor insemination (DI)

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Successful pregnancies following assisted reproductive technology (ART) for cancer survivors

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Effects of an educational program to foster fertility awareness in teenage girls: a pilot-study

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Improving patients performance on self-medication in a Brazilian IVF centre: nurses on action

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P-330  Factors influencing pain sensation during oocyte aspiration with conscious sedation  
C. Hamilton¹, E. De Vaan², M. Cissen³, N. Krols³, J.W. Van der Steeg⁴, J.P. De Bruin⁴  
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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  
C. Chan¹, M. Tam¹  
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Psychology and counselling  

P-334  Alexithymia, coping and fertility related stress  
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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  
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Myths about fertility and art success rates - results of the survey
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Importance of psychological assessment in the screening of the sperm donors
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Psychological maternal-fetal attachment among pregnancies achieved with assisted reproduction treatments
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Anxiety, depression and sexual dysfunction in women undergoing infertility treatment
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Patients’ attitudes towards embryo donation: a web-based survey
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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
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Women’s attachment anxiety mediates the negative effect of the need for parenthood on psychological wellbeing: a cross-partner analysis
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**Couple relationship quality (CRQ) influences women’s and men’s quality of life during the course of infertility treatment**

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**A randomised controlled trial assessing the impact of listening to music on women undergoing fertility treatment**

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**974,071 unique visitors to Mensfe.com, a self-help website for sub-fertile men, analysis of the five year period, 2009 and 2013**

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**Psychosocial factors associated with long-term emotional adjustment in couples who have ended fertility treatment**

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**The impact of stress and anxiety during embryo transfer on pregnancy rates: a prospective trial**

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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
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P-354  The value of children (VoC) to homosexual and heterosexual individuals
C. Haag1
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P-355  Impact of environment and tolerability of treatment on life satisfaction in infertile women
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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. Orozo1, M. Rodríguez1, C. Carmona1, V. Díaz1, J.A. Castilla2
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2Centro MasVida Reproducción, Unidad Reproducción, Sevilla, Spain

P-357  Wellbeing and need for psychosocial support in cross-border oocyte recipients
M.D. Cirera1, S. Gameiro2, D. Garcia1, A. Rodríguez1, R. Vassena1, V. Vernaeve4
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Severe depressive symptoms at baseline predict individual and partner infertility distress at year-one follow-up
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Development and validation of the fertimed-questionnaire to assess hormonal fertility medication from the patient’s viewpoint
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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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Male narratives on infertility and the couple relationship: a qualitative analysis of men weblogs
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Presentation of the time-lapse video of the transferred embryo and changes of psychological status during the implantation period
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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  
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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  
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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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Social egg freezing: profile and motivations of Dutch candidate women
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What do couples think when deciding about freezing embryos?
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Safety and quality of ART

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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Prediction of preterm deliveries by cervical length measurement with catheter before embryo transfer in ICSI pregnancies
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Hospital costs from birth up to age five of multiples and singletons born by in vitro fertilization: a longitudinal 5-year follow-up study
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11Academic Medical Center, Center of Reproductive Medicine, Amsterdam, The Netherlands
12University Medical Center Utrecht, Department of Reproductive Medicine, Utrecht, The Netherlands
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. Yerushalmi2, A. Hourvitz1, R. Machtinger1, R. Orvieto1
1Sheba Medical Center, IVF unit, Ramat Gan, Israel

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. Viloria1, 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
F. Sellers1, J. Ten2, B. Moliner3, J. Guerrero2, A. Rodriguez-Arnedo1, J. Llacer2, R. Bernabeu2
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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
A. Turp1, A. Uysal1, N. Bozkurt1
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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. Bensdorp1, S. Repping1, A. Hoek2, D.A. Hoozemans2, C. Koks2, R. Van Golde3, P.F. Van Bommel1, B.W.J. Mol2, 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)
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P-391 Congenital anomalies after a history of subfertility: a registry-based study in the Northern Netherlands
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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?
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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. Dölling1, V. Nordhoff2, S. Schlatt2, I. Ubben3, L. Lewejohann2, 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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**“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**  
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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]**  
F. Sharara¹  
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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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**Culture media influence on birthweight of newborns following IVF**  
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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. Pirrello², E. Sauleau², C. Rongières³, J. Ohl³, K. Bettahar³, L. Ladureau-Fritsch³, I. Koscinski³, I. Nisand³, R. Favre³, N. Sananes³  
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P-405  Polymorphism R72 of P53 gene is associated with lower pregnancy and implantation rates in recipients undergoing IVF with donated oocytes
A.R. Palomares¹, A.A. Castillo-Dominguez¹, M. Cortés-Rodríguez¹, A. Gallego-López¹, M. Ruiz-Galdón¹, A. Reyes-Engel¹
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P-406  IMSI 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
A. Kotanidou¹, T. Harasim¹, A. Wagner¹, U. Heinrich¹, R. Suttner¹, D. Shakeshaft¹, H. Köbernick¹, W. Würfel¹, K. Fiedler², M. Hamori³, I. Rost¹
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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. Biricik¹, 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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2University Hospital Essen, Institute for Anatomy, Essen, Germany
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P-413  Is embryo score correlated with aneuploidy type
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P-414  Functional analysis of a novel preimplantation-specific gene Zfp371
S. Ogawa1, T. Hamatani1, H. Akutsu1, M. Yamada1, K. Sugawara1, O. Inoue1, T. Yamada1, S. Kamijo1, T. Takemoto1, S. Toda1, S. Wakamatu1, A. Umezawa1, 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
A. Daser1, D. Seifert1, B.A. Konfortov1, P.H. Dear2, T. Hahn1, M. Schorsch1
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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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3University of Pécs, Department of Obstetrics and Gynaecology, Pécs, Hungary

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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3University of Tartu, Department of Obstetrics and Gynecology, Tartu, Estonia

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
D. Yi1, F. Xu1, D.H. Cheng1, G. Lin2, G.X. Lu2, Y.Q. Tan2
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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
M. Feichtinger1, T. Stopp1, C. Göbl1, E. Feichtinger1, E. Vaccari1, U. Mäd1, F. Laccone1, J. Neesen1, M. Stroh-Weigert1, M. Hengstschläger1, W. Feichtinger1
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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
Y.T. Du1, J. Li1, X.D. Zhang2, J.L. Li2, S.J. Liu2, Y.W. Xu3, G. Vajta1, M.L. Ye1, H.F. Zhen3, X.T. Shen1, J. Wang1, Y.H. Zeng1, S.P. Chen1, W. Wang1, C.Q. Zhou1
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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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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

P-430  Preimplantation genetic screening is not necessary for blastocysts resulting from vitrified donor eggs
G. Haddad1, T. Wang1, C. Witz1, D. Williams1, J. Griffith1, J. Skorupsiki1, J. Gill1, W. Wang1
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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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1GSTT, Assisted Conception Unit, London, United Kingdom

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
A. Crivello1, C. Magli1, A. Pomante1, A. Crippa1, M. Valerio1, A.P. Ferraretti2, L. Gianaroli2
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3S.I.S.M.E.R. s.r.l., Gynecologist, Bologna, Italy
Establishment of a combined Day5/Day 6 trofetoderm biopsy strategy can maximize the embryo utilization and clinical outcome in comprehensive chromosomal screening (CCS) cycles

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Re-defining the concept of advanced maternal age in Indian patients with implantation failure

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Preimplantation genetic diagnosis, prenatal diagnosis and other reproductive options for couple carriers of genetic diseases: comparison of the efficacy and acceptance

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Fetal fraction of cell free fetal DNA from maternal plasma is higher for in vitro fertilization (IVF) pregnancies then in natural conceived ones

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Morphokinetics and aneuploidy risk on human embryos: are they really correlated?

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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
M. Milan Sanchez¹, L. Rodrigo¹, E. Mateu¹, V. Peinado¹, S. García Herrero¹, I. Campos Galindo¹,
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P-444  Copy number changes in normal human fetuses could be residues from genome instabilities in preimplantation development
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K. Anisi¹, M. Banai², Z. Kuroshli², B. Movaghar³, S. Borna³, M.R. Valojerdi², J.R. Vermeesch⁵
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P-445  Is it obligatory to apply trophectoderm biopsy on the fifth day
H. Yelke¹, Y. Kumtepe¹, Z. Atayurt¹, S. Yildiz¹, C. Pirkevi¹, H.A. Tac¹, C.G. Ekmeckci¹, M. Cetinkaya¹,
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Mutation analysis of Phospholipase C Zeta (PLC?) in patients with low fertilisation rate
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Preimplantation genetic screening as a useful tool to lower the risk of adverse reproductive outcomes in good-prognosis patients undergoing in vitro fertilization
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Aneuploidy screening of human blastocysts derived from PGS patients using next-generation sequencing
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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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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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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

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**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 anuploidy risk based on early morphokinetic parameters and female 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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²IMR, ART centre, Marseille, France
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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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P-464 Elevated early follicular progesterone levels and IVF outcomes: a prospective intervention study and meta-analysis
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P-465 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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P-466 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 glycemic and lipid profile in pubertal girls with normal body mass index**

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3Eskisehir Osmangazi University, Nursing College, Eskisehir, Turkey

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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5VU University Medical Center, Department of Pediatrics, Amsterdam, The Netherlands
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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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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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P-481  
Oocyte triggering in overweight and obese patients who undergo ICSI: 250 µg versus 500 µg recombinant hCG  
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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  
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Circulating irisin underscores the development of polycystic ovary syndrome  
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P-485  
Thyroid axis dysregulation during in vitro fertilization in hypothyroid-treated patients  
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Phase I dose-ranging study of a recombinant human follicle-stimulating hormone (rhFSH) in healthy female volunteers  
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Changes of PCOS (polycystic ovary syndrome)-related symptoms in mothers vs non-mothers during long-term follow-up: the LIPCOS-Trial  
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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. Giuliani1, 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-Sánchez2, H. Visnova3, E. Bosch5, J.A. García-Velasco5, P. Barri6, P. De Sutter4, B.M. Klein1, B.C.J.M. Fauser10
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10UMC 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
W. Dooley1, R. Homburg2
1Homerton University Hospital, Fertility, Dorset, United Kingdom

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. Ahmadi3
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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 Post2, M. Van Wely2, P. Bisschop2, M. Goddijn1
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2Academic Medical Centre, Department of Obstetrics and Gynaecology, Amsterdam, The Netherlands

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
1The Affiliated Drumtowner Hospital Reproductive Medicine Center, Reproductive Medicine Center, Nanjing Jiangsu, China

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. Chang1, J.C. Cheng1, P.C.K. Leung1, Y.P. Sun1
1The First Affiliated Hospital of Zhengzhou University, Department of Obstetrics and Gynaecology, Zhengzhou Henan, China
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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. González2, I. Rodríguez2, M. Boada1, B. Coroleu1
1Hospital universitario Quirón - Dexeus, Departamento de Obstetricia Ginecología y Medicina de la Reproducción, Barcelona, Spain

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. Martínez-Moya1
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P-502  The exogenous progesterone free luteal phase in IVF - exploring a new concept
H.O. Elbaek¹, B. Alsbjerg¹, R. Laursen¹, B.B. Povlsen¹, A.T. Mikkelson¹, C.Y. Andersen², P. Humaidan¹
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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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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. Hornburg¹
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P-505  Timing of ovarian stimulation in patients prior to chemo- or radiotherapy - an analysis of 674 stimulations
A. Germeyer¹, E. Capp², J. Jauckus¹, T. Strowitzki¹, M. Von Wolff³
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³University Hospital, Obstetrics and Gynecology, Bern, Switzerland

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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²Ellemedi Ob&GY, Obstetrics and Gynecology, Changwon, Korea South

P-507  Correlation between the serum luteinizing hormone/follicle-stimulating hormone ratio and the anti-Müllerian hormone levels in normo-ovulatory women
S.H. Yoon¹, J.E. Lee¹
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P-508  Does multiple attempts at embryo transfer have an effect on clinical pregnancy rates
A. Oraif¹, G. Vilos², A. Vilos³, H. AbdulJabar¹, J. Hollet-Caines¹
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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

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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

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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
M. Erdem1, B. Bozkurt1, A. Erdem1, M.F. Mutlu2
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2HRS Women Hospital, Obstetrics and Gynecology, Ankara, Turkey

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. Florczak9, B. Banaszewska1, T. Krauze2, P. Guzik2, L. Pawelczyk1
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2Poznan University of Medical Sciences, Dept of Cardiology - Intensive Therapy, Poznan, Poland

P-519  Low amh levels as a marker of reduced ovarian reserve in young women affected by down syndrome
D. Romualdi1, V. Tagliaferri1, S. De Cicco1, C. Di Florio1, V. Immediata1, E. Cirella1, C. Proto2, M. Guido1, A. Lanzone1
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P-520  AMH and AMHR2 gene polymorphisms in infertile women and the correlation with assisted reproduction outcomes
C. Peluso1, G. Gastaldo1, C. Goldman1, V. Cavalcanti1, E. Cordts1, D. Christofolini1, C. Barbosa1, B. Bianco1
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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
F. Sutton1, E. Mocanu2, J. Kelly1
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2RCSI HARI Human Ass.Repr. Ireland Rotunda Hospital, Clinical, Dublin, Ireland

P-522  Metformin versus myoinositol: which one is better in obese pcos patients - a crossover study on clinical, endocrine and metabolic effects
V. Immediata1, D. Romualdi1, S. De Cicco1, V. Tagliaferri1, C. Di Florio1, E. Cirella1, A. Lanzone1, M. Guido1
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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
J. Barros Delgado1, C. Ruiz Valderrama1, M. Rios Barba1, J. De la Jara Diaz1
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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
E. Pourmatroud1, R. MomadJafari1
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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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M. Erdem1, B. Bozkurt1, A. Erdem1, M.F. Mutlu2
1Gazi University Faculty of Medicine, Obstetrics and Gynecology, Ankara, Turkey
2HRS Women Hospital, Obstetrics and Gynecology, Ankara, Turkey

P-518  Prolactin may influence mechanical properties of large and small arteries in healthy regularly menstruating women of reproductive age
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P-520  AMH and AMHR2 gene polymorphisms in infertile women and the correlation with assisted reproduction outcomes
C. Peluso1, G. Gastaldo1, C. Goldman1, V. Cavalcanti1, E. Cordts1, D. Christofolini1, C. Barbosa1, B. Bianco1
1Faculdade de Medicina do ABC, Human Reproduction and Genetics Center, Santo André, Brazil

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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
V. Immediata1, D. Romualdi1, S. De Cicco1, V. Tagliaferri1, C. Di Florio1, E. Cirella1, A. Lanzone1, M. Guido1
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J. Barros Delgado1, C. Ruiz Valderrama1, M. Rios Barba1, J. De la Jara Diaz1
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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
E. Pourmatroud1, R. MohamadJafari1
1Ahvaz Jundishapur University of Medical Science, OB&GYN-Infertility, Ahwaz, Iran

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
M. Stimpfel, E. Vrtacnik-Bokal, I. Virant-klun
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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. Zhang, Y. Zhao, L. Yan, Y. Yu, J. Yang, J. Yan, J. Qiao
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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
Y.H. Fan, J. Qiao, R. Yang
Peking University Third Hospital, Reproduction Center, Beijing, China

P-531  Disturbed serum adipokines levels in normal-weight, normoinsulinemic four phenotypes of
polycystic ovary syndrome
D.P. Baldani, L. Skrgatic, G. Zlopasa, S. Kralik Oguic, K. Gersak, V. Simunic
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Zagreb University Medical School, Department of Clinical Biochemistry, Zagreb, Croatia
University 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. Okada, H. Asada, H. Tamura, N. Sugino
Yamaguchi 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
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Embryogenesis, Embryology, Maroussi Athens, Greece

P-535  The utility of Anti-Müllerian Hormone in diagnosing Polycystic Ovary Syndrome amongst women
presenting to an infertility clinic
S.L. Nicholas, N. Calder, H.P. Field, A.H. Balen, J.H. Barth
Leeds Centre for Reproductive Medicine, Seacroft Hospital, Leeds, United Kingdom
Reproductive and Clinical Biochemistry, Leeds Teaching Hospitals, Leeds, United Kingdom
P-536  Ovarian response prediction in controlled ovarian stimulation with 150µg corifollitropin alfa in a GnRH-antagonist protocol

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7Uni. of Würzburg, Obstetrics and Gynecology, Würzburg, Germany
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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. Gewrgoulias1, C. Messini1, G. Anifandis1, K. Dafopoulos1, I.E. Messinis1

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P-539  Inadequacy of initiating rosuvastatin then Metformin on biochemical profile of polycystic ovarian syndrome patients

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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. Vento1, R. Ciriminna3, A.M. Cimini1, P.G. Artini1, 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. Seong1, 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
S. Sunkara1, S. Seshadri1, A. Douri2, Y. Khalaf3
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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. Partisanevlos1, C. Michailidou1, D. Mavrogianni1, K. Kallianid1, 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
J. Bhattacharya1, V. Verma1, S. Maity1, M. Bhattacharya1, N. Sinha1, S.S.A. Husain1
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P-547 Is the addition of DHEA in the poor responders top or flop?
N. Cengic1, R. Wiedemann2, E. Strehler2, R. Maettner2, S. Mineo2, K. Sterzik2
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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. Loft2, A. Nyboe Andersen1
1Copenhagen University Hospital Rigshospitalet, The Fertility Clinic 4071, 2100 Copenhagen, Denmark
2Copenhagen University Hospital Hvidovre, Department of Obstetrics and Gynecology, 2650 Hvidovre, Denmark
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
H. Visnova1, R. Huttelova1, S. Budka2, M. Bahnikova2
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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
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E.R. Groenewoud1, A.E.P. Cantineau1, B.J. Kollen2, N.S. Macklon3, B.J. Cohen4
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1Hari Clinic, ART, Dublin, Ireland

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2Roche Diagnostics GmbH, Medical and Scientific Affairs, Penzberg, Germany

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2CHU, Gynecology, Dijon, France
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K. Gordon1, P. Devroey2, J. Frattarelli3, G. Griesinger4, B.J. Stegmann1, P. Verweij5
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M. Schenk1, A. Beltsos2, B.J. Stegmann1, K. Gordon1, P. Verweij1
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2San Paolo University Hospital, CURA Research Center, Milan, Italy

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1Aristotle University of Thessaloniki, Units of Reproductive Endocrinology and Human Reproduction, First Department of Obstetrics and Gynecology
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1University of Adelaide, Public Health, Adelaide, Australia
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A.G. Shayeb¹, C. Dolderson¹, D. McLernon², S. Logan³, S. Baguley³, S. Bhattacharya⁴  
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4Faculty of Nutrition and Food Technology National Nutrition and Food Technology Research Institute Shahid Beheshti University of Medical Sciences, Department of Clinical Nutrition and Dietetics, Tehran, Iran

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1Università di Napoli Federico II, Neuroscienze e Scienze Riproductive ed Odontostomatologiche, Napoli, Italy

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1Instituto Bernabeu, Assisted Reproduction Unit, Alicante, Spain

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²Ghent University, Laboratory of Pharmaceutical Biotechnology, Gent, Belgium

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¹Jiangsu Province Hospital, State Key Laboratory of Reproductive Medicine Clinical Center of Reproductive Medicine, Nanjing, China
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1Chair for Molecular Animal Breeding and Biotechnology, LMU Munich, München, Germany

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2Università degli Studi di Milano, Uniistem Laboratory of Biomedical Embryology, Milan, Italy

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2Aix - Marseille Université, Centre Européen de Recherche et d’Enseignement des Géosciences de l’Environnement

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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.

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 transmitted on the participant’s badge you will receive and 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.

In compliance with the law of 8 December 1992 on the protection of privacy, upon request, ESHRE will remove the participant’s Personal Data from its database. Furthermore, upon request, registered participants may access and/or correct any erroneous Personal Data. Any request concerning a participant’s Personal Data should be made to: The European Society for Human Reproduction and Embryology, Meerstraat, n° 60, in 1852 Grimbergen, Belgium.
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  I  13.00 - 14.00
ICM, Room 5

AGENDA OF THE 2014 ANNUAL GENERAL
ASSEMBLY OF ESHRE MEMBERS

Tuesday, 1 July 2014  I  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.
CORPORATE MEMBERS

ESHRE acknowledges the support of the following Primary Corporate Members:

Labotect GmbH

Merck Serono S.A.

MSD USA

ESHRE acknowledges the support of the following Regular Corporate Members:

Genea Biomedx
INDUSTRY SPONSORED SYMPOSIA

Ferring Company Symposium
Monday, 30 June 2014 I Room 14 I 11:45 - 13:00

IBSA Company Symposium
Monday, 30 June 2014 I Room 14 I 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 I Room 14 I 17:00 - 18:15

NATURAL HORMONES IN DIFFICULT PATIENTS WITH IMPLANTATION FAILURE
Chairmen: Johan Smitz (Belgium) and F. Geisthövel (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 I Room 14 I 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