NEW YORK CITY

MARCH 14-16, 2019

the best of eshre and asrm

A joint meeting of the European Society of Human Reproduction and Embryology and the American Society for Reproductive Medicine
Dear Colleagues:

We are pleased to welcome you to the New York Marriott Marquis in New York for the sixth joint meeting organized by the European Society of Human Reproduction and Embryology and the American Society for Reproductive Medicine titled, "The Best of ESHRE & ASRM."

This meeting continues a collaboration between our societies designed to provide clinicians and scientists from around the world updates on the most current concepts in reproductive medicine and biology. Participants also will have plenty of opportunity to network with colleagues and to enjoy a variety of activities offered in the heart of New York City at Times Square.

"The Best of ESHRE & ASRM" is a Continuing Medical Education (CME) program intended to assess the evidence for both established and emerging approaches to the science and practice of reproductive health care. Faculty from the European Society of Human Reproduction and Embryology and the American Society for Reproductive Medicine will discuss, compare and contrast management options, procedures and technologies for the evaluation and treatment of reproductive disorders. Learners will hear about advances in a broad array of areas in reproductive medicine and reproductive biology, with the goal of enhancing the quality of patient care and improving outcomes. Educational objectives and learning opportunities for the meeting have been designed to address important topics in male and female reproductive health, including infertility, reproductive endocrinology, transgender care, embryology, andrology, and genetics, along with the cutting-edge topics of stem cells, in vitro gametogenesis and germline editing.

This meeting will provide participants with the unique opportunity to attend a cutting-edge medical conference at one of the most vibrant cities in the world.

We welcome you to the Big Apple!

Christos Coutifaris  
President  
American Society for Reproductive Medicine  

Roy Farquharson  
Chairman  
European Society of Human Reproduction and Embryology
committees

Joint Scientific Committee

ESHRE
Roy Farquharson
Cristina Magli
Kersti Lundin
Nick Macklon

ASRM
Christos Coutifaris
Peter Schlegel
Richard Paulson
Richard Reindollar
Sue Gitlin

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Mariette Goddijn (The Netherlands)
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Karen Sermon (Belgium)
Thomas Strowitzki (Germany)
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Snezana Vidokovic (Serbia)
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scientific program

Needs Assessment and Description

Reproductive health care is challenged by continuous advances in technology, ethics, clinical skill, social customs, religious beliefs, emotions, legal restrictions and cost. Clinicians, scientists and allied health professionals must improve their ability to apply the latest published evidence to the diagnosis and treatment of reproductive disorders and improve patient care. The organizing committee has identified educational needs through gap analyses for education in the areas of male and female infertility, assisted reproductive technology, transgender care, fertility preservation, reproductive genetics, endometrial receptivity, regenerative medicine and stem cell biology, and access to reproductive care in low-resource regions.

The Best of ESHRE & ASRM has been designed to enhance the medical and scientific knowledge, clinical and laboratory competence and professional performance of the healthcare team in helping patients achieve their goals with regard to reproduction. Faculty from the European Society of Human Reproduction and Embryology and the American Society for Reproductive Medicine will compare and contrast global approaches to diagnosis and treatment of reproductive problems.

The Best of ESHRE & ASRM will provide abundant educational opportunities for reproductive endocrinologists, gynecologists, urologists, family practitioners, internists, embryologists, andrologists, nurses, psychologists, social workers, geneticists, and practice managers. The goal is for every professional in the field of reproductive medicine and biology to leave the meeting as a better practitioner, stimulated to make new discoveries that will advance reproductive health care.

Learning Objectives

At the conclusion of the meeting, participants should be able to:

1. Compare and contrast clinical approaches to fertility care and preservation in different geographical regions.
2. Summarize the latest scientific advances in the biology of gamete and embryo development, stem cells and transgender care.
3. Design evidence-based interventions to treat male reproductive disorders.
4. Implement protocols for preimplantation genetic testing to prevent propagation of genetic diseases in assisted reproductive technologies.
5. Apply the latest scientific advances to clinical reproductive care.

Competencies

1. Practice-based Learning and Improvement
2. Medical Knowledge
3. Patient Care and Procedural Skills
The best of ESHRE and ASRM
New York, NY • March 14 - 16, 2019

Detailed Schedule
Thursday, March 14, 2019

7:00 – 7:45 am
Registration and Light Breakfast

7:45 am – 8:00 am
Welcome
Christos Coutifaris, ASRM Immediate Past President
Roy Farquharson, ESHRE Chair

Session 1
Christos Coutifaris and Roy Farquharson, Co-chairs

8:00-8:30am
Cutting Edge Lecture
Stem Cells in Reproduction and Neurological Disease
KY Cha, CHA Global Institute, Korea

8:30am-9:30am
Debate
Freeze only
Bruce Shapiro (Pro), Fertility Center of Las Vegas, United States
Abha Maheshwari (Con), University of Aberdeen, United Kingdom

9:30am-10am
Plenary
Use of Genetic Screening in ART: A Necessary Precaution or a Costly Add-on?
Karen Sermon, Vrije Universiteit Brussel, Belgium

10:00am-10:30am
Coffee Break and Exhibits

Session 2
Richard Paulson and Anja Pinborg, Co-chairs

10:30am-11:15am
Back-to-Back
Infertility in Developing Countries: Doing Something, Doing More, Doing Better
Thabo Matsaseng, World Health Organization
Silke Dyer, Groote Schuur Hospital, Cape Town

11:15am-11:45am
Plenary
Environmental Influences on Male Reproductive Development
Shanna Swan, Icahn School of Medicine at Mount Sinai, United States

11:45am-12:45pm
Debate
ICSI for all
Gianpiero Palermo (Pro), Weill Cornell Medicine, United States
Luca Gianaroli (Con), SISMeR

12:45pm-1:30pm
Boxed Lunch and Exhibits
detailed schedule

Friday, March 15, 2019

7:00am-8:00am  Light Breakfast

**Session 3**  
Peter Schlegel and Kersti Lundin, Co-chairs

8:00am-8:30am  Cutting Edge Lecture  
**Current Status of In Vitro Growth (IVG) of Human Primordial Follicles**  
Evelyn Telfer, The University of Edinburgh, United Kingdom

8:30am-9:30am  Debate  
**Semen Analysis - Is It Time for an Upgrade?**  
Chris De Jonge (Pro), University of Minnesota, United States  
Allan Pacey (Con), University of Sheffield, United Kingdom

9:30am-10:00am  Plenary  
**The First Single Cell Atlas of the Human Placenta: Clinical and Research Implications**  
Samuel Zev Williams, Columbia University Medical Center, United States

10:00am-10:30am  Coffee Break and Exhibits

**Session 4**  
Richard Reindollar and Mariette Goddijn, Co-chairs

10:30am -11:15am  Back-to-Back  
**Epigenetic Gene Regulation During Development and Under Adverse Environmental Conditions**  
Marisa Bartolomei, University of Pennsylvania, United States  
Petra Hajkova, London Institute of Medical Sciences and Imperial College London, United Kingdom

11:15am-11:45am  Plenary  
**Short and Long-term Consequences of Multiple Births**  
Anja Pinborg, Copenhagen University Hospital, Denmark

11:45am -12:30pm  Boxed Lunch and Exhibits

**Session 5**  
Owen Davis and Nick Macklon, Co-chairs

12:30pm-1:15pm  Back-to-Back  
**Transgender Care and Fertility Preservation**  
Guy T’joen, Ghent University Hospital, Belgium  
Elizabeth Ginsburg, Brigham & Women’s Hospital, United States

1:15pm-2:15pm  Debate  
**PGT-A for all**  
Carmen Rubio (Pro), Igenomix, Spain  
Richard Paulson (Con), University of Southern California, United States
detailed schedule
Saturday, March 16, 2019

7:00am-8:00am Light Breakfast

Session 6 Catherine Racowsky and Karen Sermon, Co-chairs

8:00-8:30am Cutting Edge
The Feasibility and Associated Risks of Germline Editing
Ben Davies, University of Oxford, United Kingdom

8:30am-9:30am Debate
Karyotyping for Recurrent Pregnancy Loss
Richard Reindollar (Pro), American Society for Reproductive Medicine
Mariette Goddijn (Con), Amsterdam University Medical Center, Netherlands

9:30am-10am Plenary
Using Advanced Live Imaging to Visualize How the Embryo Forms in Real Time
Nicolas Plachta, IMCB, Singapore

10:00am-10:30am Coffee Break and Exhibits

Session 7 William Hurd and Cristina Magli, Co-chairs

10:30am-11:15am Back-to-Back
Invitro Gametogenesis (Sperm and Oocyte)
Kyle Orwig, University of Pittsburgh School of Medicine, United States
Carlos Plancha, Universidade de Lisboa, Portugal

11:15am-11:45am Plenary
Management of Non-Obstructive Azoospermia
Peter Schlegel, Weill Cornell Medicine, United States

11:45-12:45pm Debate
Endometrial Receptivity, is it an actionable function to improve the reproductive process?
Carlos Simon (Pro), University of Valencia; Igenomix, Spain
Christos Coutifaris (Con), University of Pennsylvania, United States

12:45-1:00pm Closing Remarks
Peter Schlegel, ASRM President
Roy Farquharson, ESHRE Chair

1:00pm-1:30pm Boxed Lunch
### schedule-at-a-glance

<table>
<thead>
<tr>
<th>TIME</th>
<th>THURSDAY, MARCH 14</th>
<th>FRIDAY, MARCH 15</th>
<th>SATURDAY, MARCH 16</th>
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<tbody>
<tr>
<td>07:00 am</td>
<td>Breakfast</td>
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<tr>
<td>07:45 am</td>
<td>Welcome &amp; Introduction</td>
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| 08:00 am    | Stem Cells in Reproduction and Neurological Disease  
  KY Cha       | In Vitro Ovarian Follicles  
  Evelyn Telfer   | Germline Editing  
  Ben Davies          |
| 08:30 am    | Freeze Only  
  Bruce Shapiro  
  affirmative  
  Abha Maheshwari  
  negative         | Testing Beyond Semen Analyses  
  Chris De Jonge  
  affirmative  
  Allan Pacey  
  negative     | Karyotyping for Recurrent Pregnancy Loss  
  Richard Reindollar  
  affirmative  
  Mariette Goddijn  
  negative     |
| 09:30 am    | Genetic Carrier Screening  
  Karen Sermon                          | The Human Placenta  
  Samuel Zev Williams                    | Embryo Development  
  Nicolas Plachta                        |
| 10:00 am    |                                         | Coffee Break & Exhibits                 |                                         |
| 10:30 am    | Infertility in Developing Countries  
  Thabo Matsaseng  
  Silke Dyer                      | Epigenetics  
  Marisa Bartolomei  
  Petra Hajkova                | In Vitro Gametogenesis Sperm and Oocyte  
  Kyle Orwig  
  Carlos Plancha              |
| 11:15 am    | Environmental Influences  
  Shanna Swan                              | Multiple Births  
  Anja Pinborg                         | Management of Non-Obstructive Azoospermia  
  Peter Schlegel                    |
| 11:45 am    | ICSI for All  
  Gianpiero Palermo  
  affirmative  
  Luca Gianaroli  
  negative      | Boxed Lunch & Exhibits                 | Endometrial Evaluation for All  
  Carlos Simón  
  affirmative  
  Christos Coulifaris  
  negative     |
| 12:30 pm    | Transgender Care and Fertility Preservation  
  Guy T’Sjoen  
  Elizabeth Ginsburg           |                                         | Closing Remarks  
  Boxed Lunch                     |
| 12:45 pm    | Boxed Lunch & Exhibits                        |                                         |                                         |
| 1:15 pm     | PGT-A for All  
  Carmen Rubio  
  affirmative  
  Richard Paulson  
  negative        |                                         |                                         |

**Cutting-edge Lectures**
Designed to illustrate innovations and new findings in reproductive medicine and biology

**Debates**
During which two experts will discuss controversial issues, illustrating different points of view and supporting different theories & approaches

**Plenary Lectures**
In which experts summarize the state of knowledge in a particular field of study

**Back-to-back Sessions**
During which different topics and practices will be analyzed from the “European” point of view and the “American” point of view
Accreditation Statement
The American Society for Reproductive Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation Statement
The American Society for Reproductive Medicine designates this live activity for a maximum of 13.50 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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• Print your certificate.

Final date to claim credit is May 31, 2019
Email questions to education@asrm.org.

All session syllabi will be available for download online after the meeting at:
https://www.asrm.org/2019BOEAmaterials

All speakers disclose any commercial or financial relationship in their presentations. A full list of these speaker disclosures is available to view online at:

All Best of speakers receive honoraria and free registration.

ASRM Scientific Congress Policies and Disclaimers

CANCELLATION POLICY
The American Society for Reproductive Medicine reserves the right to cancel this activity due to unforeseen circumstances. In the event of such cancellation, the full enrollment fee will be returned to the registrant.

REFUND/NON-ATTENDANCE POLICY
Cancellations received before or by January 15th will receive a full refund minus a $150 processing fee. Cancellation requests must be submitted in writing. Cancellations received after January 15th will not be eligible for a refund.

ADA STATEMENT
The American Society for Reproductive Medicine fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. Please notify the American Society for Reproductive Medicine, 1209 Montgomery Highway, Birmingham, Alabama, USA, 35216, telephone 1-205-978-5000, a minimum of 10 working days in advance of the event if a reasonable accommodation for a disability is needed.

EQUAL OPPORTUNITY STATEMENT
The American Society for Reproductive Medicine values and promotes diversity among its members, officers, and staff. The Society prohibits discrimination toward any member or employee due to race, color, religion, age, gender, sexual orientation, national origin, citizenship, disability, military status, or other basis prohibited by law. ASRM strives to achieve gender, racial, and ethnic balance in hiring and governance. ASRM maintains policies, procedures, and personnel actions that conform to the letter and spirit of all laws and regulations pertaining to equal opportunity and nondiscrimination in employment, appointments, and elections to office.

DISCLAIMER STATEMENT
The content and views presented in this educational activity are those of the faculty/authors and do not necessarily reflect those of the American Society for Reproductive Medicine. This material is prepared based on a review of multiple sources of information, but it is not exhaustive of the subject matter. Therefore, health-care professionals and other individuals should review and consider other publications and materials on the subject matter before relying solely upon the information contained within this educational activity to make clinical decisions about individual patients.
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