



the best of
eshre and **asrm**

NEW YORK CITY

MARCH 14-16, 2019



A joint meeting of
the **European Society of Human Reproduction and Embryology**
and the **American Society for Reproductive Medicine**



welcome

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

ESHRE Executive Committee (2017-2019)

Chairman Roy Farquharson (United Kingdom)
Chairman Elect Cristina Magli (Italy)

Members

Basak Balaban (Turkey)
Thomas Ebner (Austria)
Mariette Goddijn (The Netherlands)
Borut Kovacic (Slovenia)
Nick Macklon (United Kingdom)
Anja Pinborg (Denmark)
Karen Sermon (Belgium)
Thomas Strowitzki (Germany)
Rita Vassena (Spain)
Snezana Vidokovic (Serbia)
Cecilia Westin (Sweden)

Immediate Past Chairman Kersti Lundin (Sweden)
Ex Officio SIG and TF Chair Efstratios Kolibianakis
(Greece)

ASRM Board of Directors (2018-2019)

President Peter Schlegel
President-Elect Catherine Racowsky
Vice President Hugh Taylor
Immediate Past President Christos Coutifaris
Past President Richard Paulson
Secretary Michael Thomas
Treasurer James Toner, Jr.

Directors

Robert Brannigan
Peter Chan
Elizabeth Ginsburg
Clarisa Gracia
Samantha Pfeifer
James Segars
Amy Sparks
Harris Nagler
Gerard Celia
Bradley Hurst
Bala Bhagavath

Chief Executive Officer Richard Reindollar



CME

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

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, <i>CHA Global Institute, Korea</i>
8:30am-9:30am	Debate Freeze only Bruce Shapiro (Pro), <i>Fertility Center of Las Vegas, United States</i> Abha Maheshwari (Con), <i>University of Aberdeen, United Kingdom</i>
9:30am-10am	Plenary Use of Genetic Screening in ART: A Necessary Precaution or a Costly Add-on? Karen Sermon, <i>Vrije Universiteit Brussel, Belgium</i>
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, <i>World Health Organization</i> Silke Dyer, <i>Groote Schuur Hospital, Cape Town</i>
11:15am-11:45am	Plenary Environmental Influences on Male Reproductive Development Shanna Swan, <i>Icahn School of Medicine at Mount Sinai, United States</i>
11:45am-12:45pm	Debate ICSI for all Gianpiero Palermo (Pro), <i>Weill Cornell Medicine, United States</i> Luca Gianaroli (Con), <i>SISMeR</i>
12:45pm-1:30pm	Boxed Lunch and Exhibits



CME

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, <i>The University of Edinburgh, United Kingdom</i>
8:30am-9:30am	Debate Semen Analysis - Is It Time for an Upgrade? Chris De Jonge (Pro), <i>University of Minnesota, United States</i> Allan Pacey (Con), <i>University of Sheffield, United Kingdom</i>
9:30am-10:00am	Plenary The First Single Cell Atlas of the Human Placenta: Clinical and Research Implications Samuel Zev Williams, <i>Columbia University Medical Center, United States</i>
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, <i>University of Pennsylvania, United States</i> Petra Hajkova, <i>London Institute of Medical Sciences and Imperial College London, United Kingdom</i>
11:15am-11:45am	Plenary Short and Long-term Consequences of Multiple Births Anja Pinborg, <i>Copenhagen University Hospital, Denmark</i>
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'Sjoen, <i>Ghent University Hospital, Belgium</i> Elizabeth Ginsburg, <i>Brigham & Women's Hospital, United States</i>
1:15pm-2:15pm	Debate PGT-A for all Carmen Rubio (Pro), <i>Igenomix, Spain</i> Richard Paulson (Con), <i>University of Southern California, United States</i>

detailed schedule

Saturday, March 16, 2019

CME

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, <i>University of Oxford, United Kingdom</i>
8:30am-9:30am	Debate Karyotyping for Recurrent Pregnancy Loss Richard Reindollar (Pro), <i>American Society for Reproductive Medicine</i> Mariette Goddijn (Con), <i>Amsterdam University Medical Center, Netherlands</i>
9:30am-10am	Plenary Using Advanced Live Imaging to Visualize How the Embryo Forms in Real Time Nicolas Plachta, <i>IMCB, Singapore</i>
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, <i>University of Pittsburgh School of Medicine, United States</i> Carlos Plancha, <i>Universidade de Lisboa, Portugal</i>
11:15am-11:45am	Plenary Management of Non-Obstructive Azoospermia Peter Schlegel, <i>Weill Cornell Medicine, United States</i>
11:45-12:45pm	Debate Endometrial Receptivity, is it an actionable function to improve the reproductive process? Carlos Simon (Pro), <i>University of Valencia; Igenomix, Spain</i> Christos Coutifaris (Con), <i>University of Pennsylvania, United States</i>
12:45-1:00pm	Closing Remarks Peter Schlegel, ASRM President Roy Farquharson, ESHRE Chair
1:00pm-1:30pm	Boxed Lunch



schedule-at-a-glance

CME

TIME	THURSDAY, MARCH 14	FRIDAY, MARCH 15	SATURDAY, MARCH 16
07:00 am	Breakfast	Breakfast	Breakfast
07:45 am	Welcome & Introduction		
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 <i>affirmative</i> Abha Maheshwari <i>negative</i>	Testing Beyond Semen Analyses Chris De Jonge <i>affirmative</i> Allan Pacey <i>negative</i>	Karyotyping for Recurrent Pregnancy Loss Richard Reindollar <i>affirmative</i> Mariette Goddijn <i>negative</i>
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 <i>affirmative</i> Luca Gianaroli <i>negative</i>	Boxed Lunch & Exhibits	Endometrial Evaluation for All Carlos Simón <i>affirmative</i> Christos Coutifaris <i>negative</i>
12:30 pm		Transgender Care and Fertility Preservation Guy T'Sjoen Elizabeth Ginsburg	
12:45 pm	Boxed Lunch & Exhibits		Closing Remarks Boxed Lunch
1:15 pm			
1:30 pm		PGT-A for All Carmen Rubio <i>affirmative</i> Richard Paulson <i>negative</i>	

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

cme information

CME

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.

How to Claim Continuing Medical Education/ Continuing Education Credits

- Attend the Best of meeting sessions of your choice.
- Complete an evaluation and a post-meeting assessment for the sessions you attended using a web link emailed to you 1 day after the meeting.
- 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:
https://www.asrm.org/globalassets/asrm/asrm-content/events/boea/boea_disclosures.pdf

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.

the best of **eshre** and **asrm**



New York, NY • March 14 - 16, 2019

Thank you to our exhibitors:

GOLD SUPPORTER
Ferring Pharmaceuticals, Inc.

Celmatix

Cryos International - USA

EMD Serono, Inc.

Femasys Inc.

GE Healthcare

Invitae

Predictive Laboratories

SART

SCSA Diagnostics

Seattle Sperm Bank

Sema4

Xytex Cryo International



A joint meeting of
the **European Society of Human Reproduction and Embryology**
and the **American Society for Reproductive Medicine**