

# PRELIMINARY PROGRAM



ADVANCING REPRODUCTIVE MEDICINE <sup>TO</sup>  
**BUILD HEALTHY FAMILIES**  
OCTOBER 28 - NOVEMBER 1, 2017

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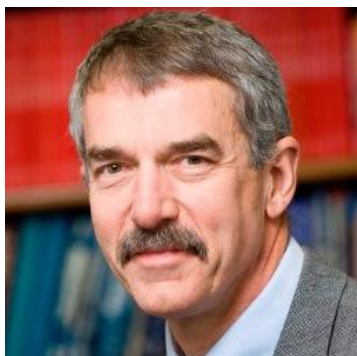
## JOIN US FOR OUR Opening Ceremony

Monday, October 30th, 7:45 am – 8:45 am  
in the Henry B. Gonzalez Convention Center  
Hemisfair Ballroom

Come hear ASRM President, Dr. Richard Paulson, discuss  
the Society's accomplishments this year and plans for  
"Advancing Reproductive Medicine to Build Healthy Families."

Plenary 1 will immediately follow in the same room.

A complimentary continental breakfast will be available  
7:00 am – 7:45 am  
in the  
Hemisfair Ballroom Lobby



## Welcome

to the historic city of San Antonio, Texas, and the 73rd annual meeting of the American Society for Reproductive Medicine. This year's ASRM Scientific Congress & Expo theme is "Advancing Reproductive Medicine to Build Healthy Families." As the theme implies, this Congress will encompass all aspects of reproductive medicine and technology, with a special focus on health. Dr. Anne Steiner, Chair of the Scientific Congress Program Planning Committee, Dr. Karine Chung, Chair of the Pre-Congress Program Committee, and members of their organizing teams have designed a comprehensive, provocative program for

Congress attendees. The agenda ranges from the latest molecular and genetic technologies to advocacy for our patients with a focus on access to care. The program is designed to address the educational and intellectual needs of physicians, nurses, andrology and embryology laboratory personnel, genetic counselors, social workers, practice and laboratory managers, as well as practitioners in mental health, law, and ethics.

The Scientific Congress Continuing Medical Education (CME) course offerings will include a stimulating collection of plenary lectures, symposia, and interactive sessions, all supporting the theme of the Congress. Historical perspectives will be presented, as well as cutting-edge lectures on uterine transplantation, novel methods of contraception, menopausal therapy, and the basic science of spermatogenesis and embryo development. Faculty also will address pseudoscientific claims, provide perspectives on the dissemination of scientific information through the media, and contrast in vitro fertilization in humans with other animal species. The interactive sessions are designed to energize and stimulate discussion and interaction among participants, as they focus on a wide range of controversial topics. CME sessions will be complemented by non-CME activities including intimate, in-depth luncheons with recognized experts, and oral and poster-format scientific abstract presentations, representing cutting-edge research in reproductive medicine and biology.

Symposia will include those organized and presented by our international sister societies. Further, Dr. Chung and members of the Pre-Congress Program Committee have collaborated with our affiliated societies and professional and special interest groups to present a wide range of Pre-Congress courses designed to meet the needs of clinicians, scientists, laboratory technologists, nurses, and other health-care and allied professionals.

We welcome our members, trainees, and colleagues from around the world to the ASRM Scientific Congress & Expo! We value your participation and engagement, and hope you will take advantage of the opportunities provided by the meeting to interact and network with colleagues.

I look forward to seeing you in historic San Antonio, where together, we will be "Advancing Reproductive Medicine to Build Healthy Families."

Sincerely,

*Richard J. Paulson MD*

Richard J. Paulson, M.D.  
ASRM President 2016-2017



## ASRM 2017 Scientific Congress Program Planning Committees

Richard J. Paulson, M.D., *President*

Anne Z. Steiner, M.D., M.P.H., *Scientific Congress  
Program Chair*

Anuja Dokras, M.D., Ph.D., *Interactive Sessions Chair*

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Leslee Murphy, L.C.S.W., *Ad Hoc Committee Member*

Kevin J. Doody, M.D., H.C.L.D., *Society for Assisted  
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Nancy Bowers, B.S.N., R.N., M.P.H., *ASRM Manager,  
Continuing Education*

### ASRM VIDEO COMMITTEE

Tommaso Falcone, M.D., *Video Program Chair*

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Michael L. Eisenberg, M.D.

Emilio Fernandez, M.D.

Antonio R. Gargiulo, M.D.

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Kathleen Hwang, M.D.

Edward D. Kim, M.D.

Steven R. Lindheim, M.D.

Philip S. Li, M.D.

Marius Meintjes, D.V.M., Ph.D., H.C.L.D.

Ceana H. Nezhat, M.D.

## ASRM Officers and Board of Directors 2015 – 2017

### ASRM OFFICERS

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Christos Coutifaris, M.D., Ph.D.,  
*President-Elect*

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### ASRM BOARD OF DIRECTORS AND THEIR MEMBER SOCIETIES

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Togas Tulandi, M.D.

# 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 September 1st will receive a full refund minus a \$150 processing fee. Cancellation requests must be submitted in writing. Cancellations received after September 1st 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.

## Registration and Information

### How to Register

 **Register online @ [www.asrmcongress.org](http://www.asrmcongress.org) and receive immediate confirmation!**  
 **On-site in San Antonio, TX**

Choices may be limited on-site. Pre-registration is recommended.

### On-site Registration Desk: Henry B. Gonzalez Convention Center

|                       |                   |
|-----------------------|-------------------|
| Friday, October 27    | 2:00 pm – 6:00 pm |
| Saturday, October 28  | 7:00 am – 6:00 pm |
| Sunday, October 29    | 7:00 am – 5:00 pm |
| Monday, October 30    | 7:00 am – 5:00 pm |
| Tuesday, October 31   | 7:00 am – 5:00 pm |
| Wednesday, November 1 | 7:00 am – 2:00 pm |

### Be Sure to Visit the Expo

|                              |                          |
|------------------------------|--------------------------|
| <b>Monday, October 30</b>    | <b>9:00 am – 5:00 pm</b> |
| <b>Tuesday, October 31</b>   | <b>9:00 am – 5:00 pm</b> |
| <b>Wednesday, November 1</b> | <b>9:00 am – 2:00 pm</b> |

*Children under 16 are allowed on the Expo Floor only when accompanied/supervised by an adult.*

# Registration Information

## PRE-CONGRESS COURSE REGISTRATION FEES

|  | Early Bird<br>By<br>9/1/2017 | Late/On-site<br>After<br>9/1/2017 |
|--|------------------------------|-----------------------------------|
| <b>ASRM Member (Doctoral)</b>  |                              |                                   |
| One 1-day course   | \$400                        | \$500                             |
| Two 1-day courses  | \$720                        | \$905                             |
| One half-day course <i>(hands-on)</i>  | \$450                        | \$500                             |
| <b>ASRM Member (Non-Doctoral)</b>  |                              |                                   |
| One 1-day course   | \$300                        | \$375                             |
| Two 1-day courses  | \$540                        | \$675                             |
| One half-day course <i>(hands-on)</i>  | \$450                        | \$500                             |
| <b>Non-ASRM Member (Doctoral)</b>  |                              |                                   |
| One 1-day course   | \$475                        | \$595                             |
| Two 1-day courses  | \$855                        | \$975                             |
| One half-day course <i>(hands-on)</i>  | \$500                        | \$550                             |
| <b>Non-ASRM Member (Non-Doctoral)</b>  |                              |                                   |
| One 1-day course   | \$375                        | \$470                             |
| Two 1-day courses  | \$675                        | \$845                             |
| One half-day course <i>(hands-on)</i>  | \$500                        | \$550                             |
| <b>Medical Resident-in-Training, Fellow, Team Member from your office/practice</b> |                              |                                   |
| One 1-day course   | \$300                        | \$350                             |
| Two 1-day courses  | \$540                        | \$625                             |
| One half-day course <i>(hands-on)</i>  | \$450                        | \$500                             |

## SCIENTIFIC CONGRESS REGISTRATION FEES

|  | Early Bird<br>By<br>9/1/2017 | Late/On-site<br>After<br>9/1/2017 |
|--|------------------------------|-----------------------------------|
| <b>ASRM Member (Doctoral)</b>  | \$625                        | \$725                             |
| <b>ASRM Member (Non-Doctoral)</b>  | \$525                        | \$625                             |
| <b>ASRM Life Member</b>  | \$425                        | \$525                             |
| <b>Fellow</b><br><i>(Proof-of-status letter from chair/dept. head required)</i>  | \$425                        | \$525                             |
| <b>Non-ASRM Member (Doctoral)</b>  | \$925                        | \$975                             |
| <b>Non-ASRM Member (Non-Doctoral)</b>  | \$675                        | \$750                             |
| <b>Team Member from your office/practice</b>   | \$425                        | \$525                             |
| <b>Medical Resident-in-Training</b>  | \$125                        | \$125                             |
| <b>Full-time Student</b><br><i>(Full-time medical students and full-time graduate students working toward first doctorate; documentation required)</i> | \$100                        | \$100                             |

## TICKETED EVENTS

|  |          |       |
|--|----------|-------|
| <b>Spouse/Guest Program</b><br><i>(Spouse/guest registration badge includes Opening Ceremony, Expo Hall, and Plenary Sessions, Hospitality Room Monday - Wednesday)</i>                                  | \$125    | \$125 |
| <b>Roundtable Luncheons</b><br><i>(Includes lunch. You may attend only one Roundtable Luncheon per day.)</i>   | \$55/day |       |
| <b>Expert Encounters</b><br><i>(Includes lunch. You may attend only one Expert Encounter per day.)</i>   | \$40/day |       |
| <b>SREI Members' Retreat</b><br><i>Sunday, October 29, 2017, 8:00 am - 3:45 pm</i>   | \$250    |       |
| <b>Workshop</b><br><i>Sunday, October 29, 2017, 3:00 pm - 5:00 pm<br/>Personal Finance for Physicians</i>  | \$25     |       |
| <b>Women's Council Breakfast</b><br><i>Tuesday, October 31, 2017, at 7:00 am</i>   | \$40     |       |
| <b>8th Annual ASRM 5K Run &amp; Walk</b><br><i>Tuesday, October 31, 2017, at 6:00 am</i>   | \$50     |       |
| <b>More Than a Mother</b><br><b>By Merck KGaA, Darmstadt, Germany</b><br><b>in partnership with Africa Fertility Society</b><br><i>Tuesday, October 31, 2017, at 12:30 pm - 1:30 pm (includes lunch)</i> | \$10     |       |

## MORNING POSTER SESSIONS

Poster Sessions will be held on  
Tuesday and Wednesday  
mornings from  
7:00 am until 8:30 am

Complimentary  
continental breakfast  
will be available.

No reservation is required.

# Registration Information

## Book in the ASRM Housing Block and save \$50 off registration fees!

**Individual Registration** for the ASRM 2017 Scientific Congress & Expo opens April 12, 2017

Use your ASRM 2017 Preliminary Program as a guide to register for the courses you wish to attend.

**Group Registration** for the ASRM 2017 Scientific Congress & Expo opens April 12, 2017

For questions, please call (866) 471-7224 or (703) 449-6418 or email [asmregistration@spargoinc.com](mailto:asmregistration@spargoinc.com)

To register, visit:

1. [www.asrmcongress.org](http://www.asrmcongress.org) and click on
2. **ASRM Congress** and then
3. **Register for 2017 Scientific Congress & Expo**

Register early to take advantage of discounted rates!

**Early Bird Deadline 9/1/2017**

**Cancellations received before or by September 1, 2017,  
will receive a full refund minus a \$150 processing fee.**

**Cancellations received after September 1, 2017,  
WILL NOT BE ELIGIBLE FOR A REFUND.**

**Cancellation requests must be submitted in writing to  
[asmregistration@spargoinc.com](mailto:asmregistration@spargoinc.com)**

**For those attendees requiring visas, the online visa form will display  
once you complete your registration. We suggest that you register early  
and submit your visa application in a timely manner.**

**Cancellations received after September 1, 2017,  
WILL NOT BE ELIGIBLE FOR A REFUND.**

### ADMISSION BADGES

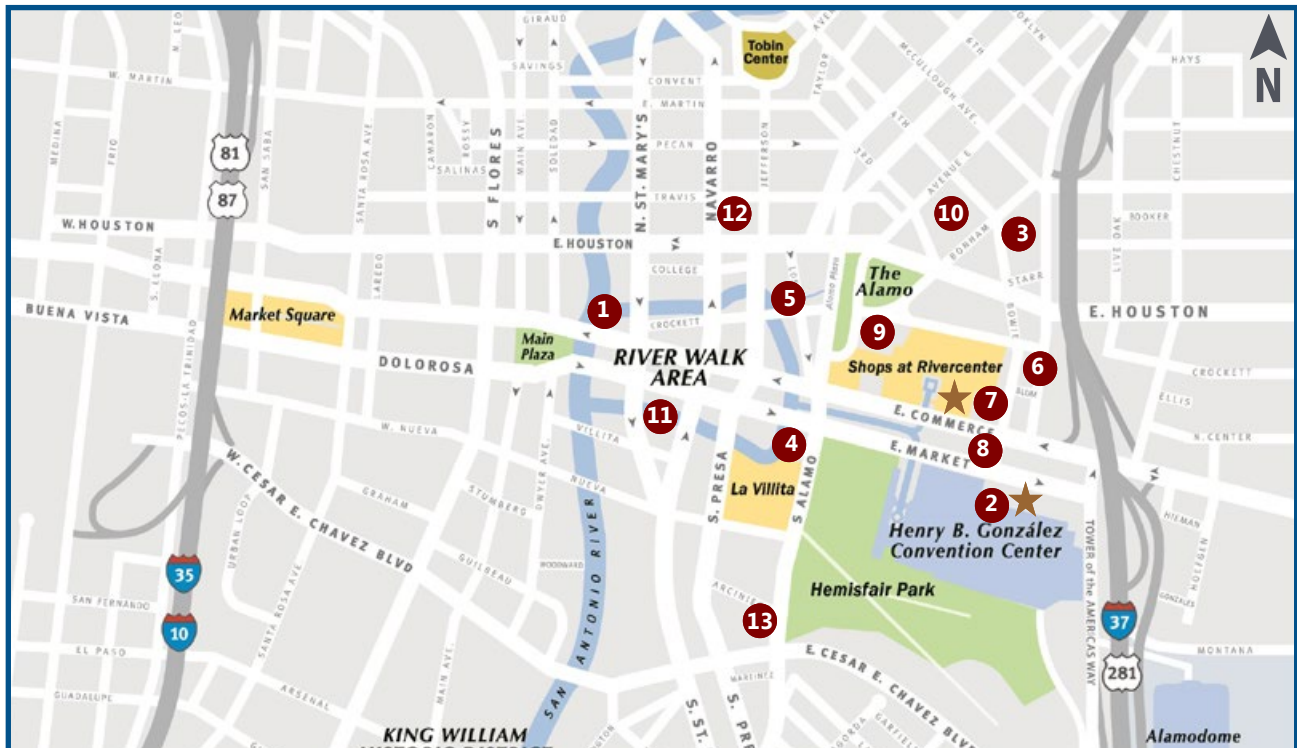
Name badges will be issued for the Pre-Congress and Scientific Congress and are required for admission. Spouse/guest badges will be issued and are required for admission to the Opening Ceremony, Plenary Sessions, and the Expo Hall. Badges must be worn at all times.

### PHOTO/AUDIO/VIDEO RECORDING

Photographing or audio/video recording of any session for personal or commercial purposes without permission is prohibited.

# San Antonio Hotel Information

|    | Hotels   | Addresses                | Distance to Convention Center |
|----|--|--------------------------|-------------------------------|
| 1  | Courtyard San Antonio Riverwalk by Marriott                    | 207 N. St. Mary's Street | 5 blocks                      |
| 2  | <b>Grand Hyatt San Antonio *Headquarters Hotel</b>             | 600 East Market Street   | Adjacent                      |
| 3  | Hampton Inn Riverwalk Downtown San Antonio                     | 414 Bowie Street         | 4 blocks                      |
| 4  | Hilton Palacio del Rio   | 200 South Alamo Street   | Across Street                 |
| 5  | Hyatt Regency San Antonio Riverwalk                            | 123 Losoya Street        | 3 blocks                      |
| 6  | La Quinta Inn & Suites San Antonio Riverwalk/Convention Center | 303 Blum Street          | 2 blocks                      |
| 7  | <b>San Antonio Marriott Rivercenter *Exhibitor HQ</b>          | 101 Bowie Street         | 1 block                       |
| 8  | San Antonio Marriott Riverwalk                                 | 889 E. Market Street     | Across Street                 |
| 9  | The Historic Menger Hotel                                      | 204 Alamo Plaza          | 3 blocks                      |
| 10 | Residence Inn by Marriott Alamo Plaza                          | 425 Bonham               | 5 blocks                      |
| 11 | The Westin Riverwalk   | 420 W. Market Street     | 3 blocks                      |
| 12 | The St. Anthony Hotel  | 300 E. Travis Street     | 4 blocks                      |
| 13 | Marriott Plaza San Antonio                                     | 555 South Alamo Street   | 1 block                       |





# Continuing Professional Development:

## Continuing Medical Education | Continuing Education Credits

### ASRM Continuing Education Programs

The goal of ASRM is to sponsor educational activities that provide learners with the tools needed to conduct research, practice the best medicine, and provide the best, most current care to patients.

ASRM adheres to the Essentials and Policies of the Accreditation Council for Continuing Medical Education (ACCME). CME activities must address specific, documented, clinically important gaps in physician knowledge, competence, or performance; be documented to be effective at increasing physician knowledge, competence, performance, or outcomes; and conform to the ACCME Standards for Commercial Support.

All planners and presenters disclose commercial and financial relationships pertaining to reproductive medicine. These disclosures were reviewed by the Subcommittee for Standards for Commercial Support of the ASRM CME Committee and the Executive Program

Committee, which resolved perceived potential conflicts of interest.

### How to Claim Continuing Medical Education/Continuing Education Credits

For Pre-Congress Courses:

- Attend your course.
- Complete an evaluation and a post-course assessment using a web link emailed to you one day after the course.
- Print your certificate.

For the Scientific Congress:

- Attend the Congress sessions of your choice.
- Complete an evaluation and a post-Congress assessment for the sessions you attended using a web link emailed to you one day after the Congress.
- Print your certificate.

Final date to claim credit is December 31, 2017.

Email questions to [education@asrm.org](mailto:education@asrm.org)

The following may receive honoraria and/or discounted or free registration: Plenary, Symposia, and Interactive Session speakers, and Pre-Congress faculty. Honoraria are not provided for Roundtable presenters, Oral and Poster Abstract presenters, and Video presenters.

Disclosures of faculty and presenters for the Pre-Congress and Scientific Congress may be in a presentation slide, printed material, or oral statement, and will be printed in the ASRM Final Program. Abstract authors' disclosures will be printed in the 2017 Program Supplement. Roundtable and Expert Encounter presenters should provide a copy of their disclosure to participants at their table.

### The Accreditation Council for Continuing Medical Education (ACCME)

The American Society for Reproductive Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### ASRM 2017 Scientific Congress Designation Statement

The American Society for Reproductive Medicine designates this live activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### ASRM 2017 Pre-Congress Program Designation Statement

The American Society for Reproductive Medicine designates Pre-Congress courses 1-20 for a maximum of 6.5 AMA PRA Category 1 Credits™ per course. Courses 21 and 22 are approved for a maximum of 4.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### The American College of Obstetricians and Gynecologists

Application has been made to the American College of Obstetricians and Gynecologists for assignment of Cognates to the Scientific Congress and for Pre-Congress Courses 1-6 and 8-22.

### American Board of Bioanalysis (ABB)

Application has been made to the American Board of Bioanalysis for Professional Enrichment Education Renewal (PEER) credits for the Scientific Congress and select Pre-Congress Courses.

### Nursing Credits: National Association of Nurse Practitioners in Women's Health (NPWH)

Application has been made to the Continuing Education Approval Program of the National Association of Nurse Practitioners in Women's Health for the Scientific Congress and Pre-Congress Course 16.

### American Psychological Association (APA)

The Mental Health Professional Group (MHPG) of the American Society for Reproductive Medicine is approved

by the American Psychological Association to sponsor continuing education for psychologists. MHPG maintains responsibility for this program and its content. CE credits will be available for Pre-Congress Courses 6 and 17; MHPG Symposia; MHPG Clinical Sessions; and other selected sessions.

### National Association of Social Workers (NASW)

Application has been made to the National Association of Social Workers for Pre-Congress Courses 6 and 17.

### National Society of Genetic Counselors (NSGC)

Application has been made to the National Society of Genetic Counselors (NSGC) for Category 1 contact hours for select sessions in the Scientific Congress and Pre-Congress Courses 4 and 16. Participants requesting NSGC CEUs will have a service fee of \$30 added to their meeting registration to cover payment to the National Society of Genetic Counselors for the filing and awarding of CEU certificates.

## PRE-CONGRESS PROGRAM COMMITTEE

Karine Chung, M.D., M.S.C.E.,  
Chair

Irene Su, M.D., M.S.C.E.,  
Co-Chair

Cigdem Tanrikut, M.D., F.A.C.S.,  
Coordinating Chair

## WEEKEND COURSES DATES:

Saturday, October 28th

Sunday, October 29th

## HOURS:

8:15 am – 5:00 pm

Lunch is from Noon – 1:00 pm

Courses PC01-PC10 are  
1-day courses on Saturday

Courses PC11-PC20 are  
1-day courses on Sunday

Courses PC21 and PC22 are  
half-day hands-on courses  
on Sunday

Pre-Congress course syllabi  
will be posted online only in  
October 2017 for registered  
PC course participants.  
Electronic copies may  
be downloaded in the  
registration area.

# ASRM 2017 PRE-CONGRESS PROGRAM

**SATURDAY, OCTOBER 28, 2017**

## PC01

**Preimplantation Genetic Testing: Toward  
Next-generation In Vitro Fertilization**

CME

Developed in Cooperation with SART, SRBT, and PGDSIG

### Faculty

Svetlana Rechitsky, Ph.D. (Chair)

*Reproductive Genetic Innovations LLC*

Dagan Wells, Ph.D.

*University of Oxford*

James Grifo, M.D., Ph.D.

*NYU Langone Medical Center*

Dawn A. Kelk, Ph.D., H.C.L.D.

*Yale University*

### Needs Assessment and Description

Single-embryo transfer requires a rigorous pre-selection of embryos for transfer, with the genetic contents representing one of the major factors for predicting in vitro fertilization (IVF) outcome. The introduction of next-generation technologies in preimplantation genetic testing further confirms that more than half of preimplantation embryos in IVF patients of advanced reproductive age are chromosomally imbalanced. As only 10% of recognized pregnancies are aneuploid, it is obvious that the majority of chromosomal imbalances are not surviving implantation, contributing significantly to low implantation and pregnancy rates. So it is not surprising that at least one third of IVF centers in the United States are utilizing preimplantation testing to avoid transfer of aneuploid embryos and improve assisted reproductive technology (ART) efficiency, which is still far from perfect. However, despite compelling evidence of aneuploidy impact on reproductive outcome, there are still reported failures to achieve such an improvement. This may be due to limitations of available diagnostic technology, invasiveness of the biopsy procedures, and differences in patient selection and interpretation of the results in pre-selection of embryos for transfer. These limitations must be addressed in light of recent progress in the next-generation technologies, along with the discussion of possible approaches to overcome them. An emerging problem in pre-selection of embryos for transfer is a high rate of genetic instability throughout preimplantation development, such as chromosomal mosaicism and segmental aneuploidy. While more research is clearly needed to investigate the actual origin and clinical

significance of these phenomena, the best policies in a clinical setting are yet unclear. This live course, designed for obstetric/gynecologic clinicians, specialty physicians, laboratory scientists and technologists, genetics professionals, nurses, and legal advisors, will examine the current diagnostic problems, as well as advantages and disadvantages of available technologies to better utilize the advances of preimplantation genetic testing in a wider ART application.

### ACGME Competency

Medical Knowledge  
Patient Care

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the requirements and implications of the introduction of preimplantation testing as part of IVF.
2. Define standardized terminology and guidelines for good practice of preimplantation testing for ART patients.
3. Explain the limitations and advantages of introduction of next-generation technologies for preimplantation genetic testing and clinical relevance of the genetic instability detected by these sensitive techniques.

## PC02 Treating with Cell-based Therapies What Cannot Be Treated with Drugs

Developed in Cooperation with RMSCBSIG

CME

### Faculty

Carlos Simón, M.D., Ph.D. (Chair)  
*Valencia University, INCLIVA; Igenomix*  
Margot Damaser, Ph.D.  
*Lerner Research Institute*  
Kyle Orwig, Ph.D.  
*University of Pittsburgh School of Medicine*  
Rene Reijo Pera, Ph.D.  
*Montana State University*

### Needs Assessment and Description

Regenerative medicine offers the potential for replacement or repair of different types of cells within damaged tissues or the tissues themselves, typically through cell therapy or tissue engineering. Stem cells are critical to these approaches. However, many patients are seeking innovative treatments involving stem cells from various sources including reproductive tissues. Physicians and other caregivers are frequently confronted with patients requesting cell therapies for menopause, ovarian failure, infertility, and other diseases; frequently, these patients are encouraged to participate in unproven "stem cell/tissue therapies." The US Food and Drug Administration and other professional associations are trying to discourage these unapproved and unwarranted therapies while still maintaining enthusiasm for the development of reliable regenerative medicine research. While most of these breakthroughs are highly promising from a research perspective, and typically are successful using inbred strains of certain mouse models, the gap between the announcement of a breakthrough in lay publications and its actual successful translation to the clinic as a responsible and reliable therapy can

take many years. This live course is designed for a wide variety of clinicians, researchers, and advisors in obstetrics/gynecology, urology, genetics, pediatrics, surgery, and oncology, including physicians, laboratory scientists and technicians, genetic counselors, and mental health, nursing, and legal professionals, and will address emerging stem cell therapies and tissue engineering approaches as they apply to reproductive and urology disorders, review clinically relevant animal studies, as well as outcomes of clinical trials, and provide insight into the long process for safely translating them to routine clinical practice.

### ACGME Competency

Medical Knowledge  
Patient Care  
Systems-based Practice

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize potential regenerative tissue therapies and their applications in regenerative medicine, urology, and reproductive medicine.
2. Discuss stem cell research in progress for generation of artificial gametes.
3. Summarize potential cell therapies in the management of secretory azoospermia, Asherman's syndrome, and urological disorders.
4. Discuss the potential application of regenerative medicine for fertility preservation in males and females.

## **PC03** Hormonal Contraception over the Reproductive Lifespan

Developed in Cooperation with CSIG, MOISIG, and PAGSIG

CME

### **Faculty**

Lisa Haddad, M.D., M.S. (Co-chair)  
*Emory University School of Medicine*  
Robert A. Wild, M.D., Ph.D., M.P.H. (Co-chair)  
*Oklahoma University Health Sciences Center*  
Beth W. Rackow, M.D.  
*Columbia University Medical Center*  
Xiomara Santos, M.D.  
*Orlando Health*

### **Needs Assessment and Description**

Unintended pregnancy remains a significant public health burden. Appropriate hormonal contraceptive use requires an understanding of benefits and risks. Misconceptions, particularly regarding patient selection and optimal choice, continue to limit appropriate use. This live course is designed for physicians and allied health professionals who provide contraceptive care for adolescent, reproductive-age, and perimenopausal women and provides fundamental tools to appropriately counsel, initiate, and discontinue (when and how) contraception for women throughout their lifespan. Hormonal mechanisms of action and physiologic bleeding in these patients will be reviewed, and using case-based discussion, participants will apply United States Medical Eligibility Criteria for Contraceptive Use and select hormonal contraceptives for women with complex medical conditions. Discussion will include the return of fertility upon discontinuation of contraceptives, impact of hormonal contraceptives on chronic disease states (cancer prevention, atherosclerosis), bone development with depot medroxyprogesterone acetate in early and late reproductive years, and lipid screening through the lifespan. Best practices in contraceptive care for women with endometriosis and primary ovarian insufficiency will be presented along with the effects of surgical treatment.

### **ACGME Competency**

Patient Care

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Discuss unique contraceptive concerns for women in adolescence and reproductive years, and through menopause.
2. Select optimum contraceptive options for women with a variety of medical conditions using the latest data and tools.
3. Effectively counsel women regarding hormonal contraceptive advantages and disadvantages.



# PC04 Genetic Screening and Evaluation of Gamete Donors: An Overview of Current Guidelines and Trends

CME

Developed in Cooperation with GCSIG, LPG, and MHPG

## Faculty

Amy Vance, M.S., L.C.G.C. (Chair)

Bay Area Genetic Counseling

Lauren Isley, M.S., L.C.G.C.

Counsyl

Claudia Pascale, Ph.D.

The Institute for Reproductive Medicine and Sciences  
at Saint Barnabas

Lisa A. Rinehart, J.D., R.N., B.S.N.

LegalCare Consulting, Inc.

## Needs Assessment and Description

The 2013 ASRM Practice Committee opinion "Recommendations for gamete and embryo donation" supports gamete providers in establishing criteria for donor eligibility based on genetic test results or findings that may be associated with a heritable disorder. However, specific methods and protocols to identify these genetic risks have not been established, and practices are variable in the gamete industry. The aim of this live, interprofessional course is to cover a variety of issues related to genetic screening and evaluation of semen and oocyte donors. Designed for reproductive medicine clinicians, endocrinologists, nurses, genetic counselors, third-party coordinators, legal professionals, mental health professionals, and reproductive endocrinology and infertility practice managers, this course will address several different clinical and legal aspects of the donor genetic screening process, including personal and family history evaluations, mental health evaluations, genetic testing, consenting, and newly identified risks related to long-term follow-up of donors and donor-conceived individuals. The 2015 ASRM gap-analysis data indicate an educational need for topics related to semen and oocyte donor screening.

## ACGME Competency

Patient Care

## Interprofessional Competency

Interprofessional Teamwork and Team-based Care

Interprofessional Communication

## Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the different aspects of gamete donor screening that are crucial to make a determination of eligibility for a donor.
2. Identify existing professional guidelines related to gamete donor screening and detect when these guidelines may differ from current practices.
3. Summarize basic information about genetic carrier screening for donors and intended parents.
4. Discuss the roles of the various health-care professionals required to effectively screen gamete donors and identify strategies for interprofessional communication and team-based care.

## **PC05** **Leiomyomas: Pregnancy Loss, Health Disparities, and Therapeutic Options**

Developed in Cooperation with SRS, FSIG, EPSIG, and HDSIG

**CME**

### **Faculty**

William H. Catherino, M.D., Ph.D. (Chair)

*Uniformed Services University*

Jeffrey M. Goldberg, M.D.

*Cleveland Clinic*

Ayman Al-Hendy, M.D., Ph.D.

*Augusta University*

Sacha Krieg, M.D., Ph.D., F.A.C.O.G.

*Oregon Health & Science University*

### **Needs Assessment and Description**

Uterine leiomyomas are present in 70%–80% of women by the end of their reproductive years and are the most frequent cause for hysterectomy. In this live course, participants will learn about the structural and molecular mechanisms by which leiomyomas interact with the endometrium to result in implantation failure, pregnancy loss, and the need for in vitro fertilization (IVF). This information will be placed into the context of differences in racial predilection. In addition, participants will learn about the latest advances in medical management and advances in surgical intervention, including the role of laparoscopic and robotic surgery morcellation and US Food and Drug Administration regulation, all with the goal to minimize

pregnancy loss, diminish symptoms, and improve IVF outcomes. The course is designed for a wide range of health-care professionals, including general obstetric/gynecologic practitioners, infertility specialists, primary care practitioners, urogynecologists, general urologists, gynecologic oncology specialists, maternal-fetal medicine specialists, nurse midwives, nurse practitioners, nurse specialists in various gynecologic subspecialties, and the lay population.

### **ACGME Competency**

Medical Knowledge

Patient Care

Systems-based Practice

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Assess the impact of leiomyomas on implantation, pregnancy, and assisted reproductive technology.
2. Discuss the role that race plays in the development of fibroids, the symptoms associated with the disease, and the outcomes of therapy.
3. Identify therapies that may provide therapeutic benefit to women suffering from fibroids.

# PC06 Understanding Endometriosis: Medical Overview, Old and New Diagnostics, Psychological Support Interventions, Nutritional Guidelines, and Best Care Practices

Developed in Cooperation with EndoSIG and MHPG

CME

## Faculty

Julia T. Woodward, Ph.D. (Chair)  
*Duke University Health System*  
 Bruce A. Lessey, M.D., Ph.D.  
*Greenville Health System - University of South Carolina*  
*School of Medicine*  
 Danielle A. Kaplan, Ph.D.  
*NYU School of Medicine*  
 Dian Shepperson Mills, M.A.  
*The Endometriosis and Fertility Clinic*

## Needs Assessment and Description

Endometriosis is a common, but often misunderstood, disease affecting women across the lifespan. Yet many clinicians and other care providers are not familiar with the etiology, diagnosis, treatment options, and complications of endometriosis. The disease may significantly impact quality of life and daily functioning. In some cases, exacerbation of symptoms may impact relationships, social and work activities, and sexual functioning, as well as affect fertility. Up to 85% of unexplained subfertility is due to undiagnosed endometriosis and there is an 11-year lag in diagnosis that is only growing in the setting of assisted reproductive technology.

This live interprofessional course is designed to enable mental health professionals, medical practitioners, nurses, and allied health-care providers to utilize best care practices, clarify common misconceptions and odd aspects of the disease, identify old and new diagnostic procedures including biomarkers for diagnosis, provide effective techniques for quality-of-life management and pain assessment, utilize psychological interventions for symptom relief, and recommend nutritional guidelines. New data on endometriosis as a cause of infertility and recurrent pregnancy failure will be presented.

## ACGME Competency

Medical Knowledge  
 Patient Care  
 Interpersonal and Communication Skills

## Interprofessional Competency

Interprofessional Teamwork and Team-based Care

## Learning Objectives

At the conclusion of this course, participants should be able to:

1. Review the diagnosis and symptoms of endometriosis and identify common misconceptions, odd aspects, and new biomarkers of the disease.
2. Discuss endometriosis as a cause of infertility and recurrent pregnancy failure.
3. Assess quality of life, pain management, and psychosocial functioning in women with endometriosis.
4. Describe how psychological interventions including cognitive behavioral therapy, mindfulness-based cognitive therapy, meditation, and stress management skills can be used to lessen symptoms of endometriosis-related discomfort and distress.
5. Discuss the role of nutrition and the effects of environmental toxins in endometriosis care.
6. Utilize a team-based approach to integrate comprehensive care practices for women with endometriosis.

## **PC07** Approach to Comprehensively Manage Your Male Clients' Needs: From Sexual Dysfunction and Poor Semen Quality to Genetic, Psychological, and Aging Issues

Developed in Cooperation with SMRU, SRS, SRBT, SART, and MHPG

CME

### **Faculty**

Peter T. K. Chan, M.D., C.M., M.Sc., F.R.C.S.I.C., (Chair)  
*McGill University Health Center*  
Paul R. Shin, M.D.  
*Urologic Surgeons of Washington*  
Dolores J. Lamb, Ph.D.  
*Baylor College of Medicine*  
William D. Petok, Ph.D.  
*Thomas Jefferson University, Sidney Kimmel Medical College*

### **Needs Assessment and Description**

The significance of optimizing male reproductive status in maximizing the overall success of assisted reproduction has been gradually recognized. In reality, men are less health oriented when compared with female partners. Particularly when it comes to potentially embarrassing health issues such as infertility and sexual dysfunction, men are often unwilling to face the relevant issues to explore solutions to resolve problems early on. Simultaneously, due to a poorly recognized knowledge gap, health-care professionals in reproductive medicine are generally not well equipped to handle the wide spectrum of men's health issues ranging from psychosocial stress, poor sperm quality, sexual dysfunction, to male-related genetic issues. As a result, male partners' needs in reproductive care are often ignored. A well-coordinated interprofessional approach, through the collaborative efforts of a multidisciplinary team of health-care professionals including nurses, embryologists, andrologists, urologists, reproductive endocrinologists, and mental health professionals, is the key to successful management of these couples.

In this live course, a panel of expert male reproductive medicine professionals will present management strategies for male-related bio-psycho-social issues in a series of challenging cases with the goal to optimize male reproductive health, leading ultimately to improved assisted reproductive outcomes and patient satisfaction. Topics will include: tips on psychosocial counseling of the male partner before and after assisted reproduction; how to optimize male sexual and reproductive health; various men's health issues related to aging, lifestyle, metabolic status, and environmental hazards; tips on surgical sperm retrieval; an advanced

approach to evaluate sperm quality at the molecular levels; how to select best sperm for intracytoplasmic sperm injection using various new approaches on the horizon; and how to integrate other health-care professionals to build an effective multidisciplinary team.

### **ACGME Competency**

Patient Care

### **Interprofessional Competency**

Interprofessional Teamwork and Team-based Care  
Interprofessional Communication

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Describe the indications of various evaluation approaches to common men's physical and mental health issues seen in patients undergoing fertility care.
2. Outline counseling, medical, and surgical management strategies to enhance the general and reproductive health of the male partner in infertile couples.
3. Discuss ways to optimize the quality of sperm to be used with assisted reproduction to minimize reproductive failure.
4. Develop team-based strategies for multidisciplinary care and communication for these patients.



# PC08 Growing Your Reproductive Endocrinology and Infertility Practice in a Competitive Marketplace

Developed in Cooperation with ARM

CME

## Faculty

Brad J. T. Senstra, M.H.A. (Chair)  
*Seattle Reproductive Medicine*  
 F. Richard Dietz, Jr., M.B.A.  
*Boston IVF*  
 Sheri Raymer, B.S.P.H., M.H.A.  
*IntegraMed*  
 Lindsey McBain, B.A.  
*Reproductive Medicine Associates of New Jersey*  
 Sara Mooney, B.A.  
*Seattle Reproductive Medicine*  
 Becky Waldman, R.N.  
*Vivere Health*

## ACGME Competency

Systems-based Practice

## Learning Objectives

1. Assess growth opportunity in a practice market.
2. Utilize proven strategies to grow capacity within their practice.
3. Identify advantages and pitfalls of merging with or acquiring another practice.

## Needs Assessment and Description

The fertility care market is growing throughout the United States and internationally. As a result, reproductive endocrinology and infertility (REI) practices need to increase their capacity or face increasing competition in their market. Practice administrators and managers face many challenges as they grow to meet this demand and contend with increasing competition. This live course is designed to help reproductive medicine physicians, allied health professionals, and business administrators develop tools to grow an REI practice in a competitive market by sharing ideas and processes, and potentially join forces with others to meet this increasing demand.

## **PC09** Scientific Manuscript Coaching: Maximize Your Likelihood of Publication in *Fertility and Sterility*<sup>®</sup> Developed in Cooperation with *Fertility and Sterility*<sup>®</sup>

CME

### **Faculty**

Antonio Pellicer, M.D. (Co-chair)  
*Instituto Valenciano de Infertilidad*  
Craig S. Niederberger, M.D. (Co-chair)  
*University of Illinois at Chicago*  
Nicolás Garrido Puchalt, Ph.D., M.Sc.  
*Instituto Universitario IVI Valencia*  
Steven R. Lindheim, M.D., M.M.M.  
*Wright State University Booschott School of Medicine*  
Kurt Barnhart, M.D.  
*University of Pennsylvania*  
Anne Z. Steiner, M.D., M.P.H.  
*University of North Carolina*

### **Needs Assessment and Description**

Publication of studies in reproductive medicine is central to advancement in the field. *Fertility and Sterility*<sup>®</sup> currently rejects approximately 80% of submitted manuscripts, often due to insufficiently designed studies, unsuitable analyses, incomplete checklists or submission requirements, and other addressable issues. Although much literature is available regarding how to write and submit scientific papers, interactive learning is required to educate authors. This course addresses that need based on communication among authors, reviewers, and editors as documented in *Fertility and Sterility*'s electronic peer-review system, EES. In this live course, physicians and scientists in reproductive medicine and biology will learn from the editors of *Fertility and Sterility* the keys to designing a good study and effectively communicating its results, as well as strategies for critically evaluating manuscripts.

Participants will have the opportunity on the following day to discuss their manuscripts in one-on-one sessions with a *Fertility and Sterility* editor, who will provide individualized feedback. Note that a single, full manuscript must be submitted to *Fertility and Sterility* before September 30, 2017, and appointments will be filled on a first-come, first-served basis.

### **ACGME Competency**

Professionalism

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Describe the different types of study designs, appropriate analyses, relevant checklists, disclosure procedures, and submission processes for reproductive medical communications.
2. Evaluate critically the scientific merit and value of a submitted manuscript.
3. Explain what constitutes ethical behavior in writing, reviewing, and publishing a scientific work in reproductive medicine.
4. Specify the various media resources available for readers, authors, and reviewers to interact in the communication of reproductive medical science.

# PC10

## Current Fertility Preservation and Its Future

Developed in Cooperation with ChSIG

CME

### Faculty

Huai L. Feng, Ph.D., H.C.L.D. (Chair)  
 New York-Presbyterian Health System Affiliate Weill  
 Cornell Medical College  
 Jie Qiao, M.D., Ph.D.  
 Peking University Third Hospital  
 Zi-Jiang Chen, M.D., Ph.D.  
 Shandong University  
 Ge Lin, M.D., Ph.D.  
 Reproductive and Genetic Hospital of CITIC-XIANGYA

### Needs Assessment and Description

Fertility preservation plays an important role in assisted reproductive medicine, particularly for cancer patients facing gonadotoxic therapy. Great progress has been achieved in techniques for oocyte vitrification, sperm and egg banking, ovary cryopreservation and transplantation, preservation of uterine function and uterine transplantation, assessments for oocyte quality and ovarian reserve, and their potential applications in in vitro fertilization clinical treatments. This live course for reproductive medicine practitioners, clinicians, scientists, and technologists will provide an update on multiple aspects of fertility preservation technology, introduce promising new techniques, and identify clinical strategies for achieving optimal patient outcomes.

### ACGME Competency

Medical Knowledge  
 Patient Care

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Explain the necessity and indications for male fertility preservation and its current status.
2. Describe strategies to preserve the function of the uterus in young women, using experiences in China of abortion at young ages, and the use of intrauterine devices and cesarean section.
3. Discuss oocyte cryopreservation methods and classifications of vitrification devices and kits.
4. Explain the advancement of ovarian preservation and transplantation, limiting factors in their success, and options in the strategy and safety of ovarian tissue cryopreservation.
5. Introduce a new source for egg banking from laparoscopically retrieved immature oocytes using the technique of in vitro maturation.
6. Describe the physiological changes in antimüllerian hormone (AMH) across the lifespan, and identify reference ranges for women in childhood, adolescence, reproductive age, and advanced age.
7. Explore the association between AMH and assisted reproductive technology (ART) outcomes and the predictive value of AMH in older women, and determine age boundaries for women during ART treatment using AMH as a marker for ovarian reserve and a possible surrogate measure of reproductive aging.
8. Describe possible endogenous and exogenous factors responsible for oocyte aging, and explore the cellular and molecular changes along with oocyte aging.
9. Discuss potential strategies to improve oocyte quality in older women via decreasing meiotic chromosomal aberrations, enhancing mitochondrial functions and increasing expression of antioxidant genes.

**SUNDAY, OCTOBER 29, 2017**

**PC11** **Emerging Therapeutic Tools in the Assisted Reproductive Technology Laboratory** **CME**  
Developed in Cooperation with SRBT

**Faculty**

T. Arthur Chang, Ph.D., H.C.L.D. (Co-chair)  
*University of Texas Health Science Center*  
Rebecca L. Krisher, Ph.D. (Co-chair)  
*Colorado Center for Reproductive Medicine*  
Carlos Simón, M.D., Ph.D.  
*Valencia University, INCLIVA; Igenomix*  
Justin St. John, Ph.D.  
*Hudson Institute of Medical Research*

**Needs Assessment and Description**

In recent years, rapid progress of technology in multiple areas of reproductive medicine, as well as novel technologies originally developed outside reproductive laboratories, have shown great potential that laboratory scientists and physicians may be able to utilize in the very near future. Emerging therapeutic tools, some with great promise while others carry a higher degree of uncertainty, will bring breakthroughs to our understanding of reproductive biology, and at the same time enhance the toolbox available for the laboratory to improve embryo quality and clinical outcomes. Stem cells, including embryonic stem cells (ESCs) and induced pluripotent stem cells (iPSCs), have been credible candidates to derive artificial gametes in vitro and formulate reproductive tissues in vitro or in vivo. The field of mitochondrial function study and replacement for therapeutic and reproductive purposes has seen steady progress under strict regulation and supervision. Gene editing (for example, clustered regularly interspaced short palindromic repeats [CRISPR]) has become one of

the fastest growing areas in biomedical science in the past few years. In addition, extended period embryo culture may shed new light on our knowledge of implantation mechanisms and explore paths toward increasing embryo competence. This live course for all clinicians and health-care professionals in reproductive medicine is designed to thoroughly discuss and address the current status, feasibility, and concerns regarding applications of these quickly evolving technologies in reproductive biology. Participants will have an opportunity to brainstorm possibilities to meet technical and ethical standards of professions.

**ACGME Competency**

Medical Knowledge  
Patient Care

**Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Identify the needs for new laboratory technologies to implement better embryo quality and improve clinical outcomes.
2. Describe the scientific basis and technical development of key emerging cellular and molecular reproductive technologies.
3. Discuss potential technical obstacles and ethical concerns regarding clinical application of new technologies.



# PC12 Etiology, Implication, and Management of Preclinical Loss

Developed in Cooperation with EPSIG

CME

## Faculty

William H. Kutteh, M.D., Ph.D., H.C.L.D. (Chair)  
*Vanderbilt University School of Medicine*  
 Mary D. Stephenson, M.D., M.Sc.  
*University of Illinois at Chicago*  
 Marius Meintjes, Ph.D., D.V.M., H.C.L.D.  
*Frisco Institute for Reproductive Medicine*  
 Bruce A. Lessey, M.D., Ph.D.  
*Greenville Health System - University of South Carolina*  
*School of Medicine*

## Needs Assessment and Description

With close monitoring of pregnancies achieved through assisted reproductive technology (ART), and the availability of over-the-counter pregnancy tests, preclinical pregnancies and preclinical losses are being documented more frequently. Therefore, a thorough knowledge of laboratory factors that alter embryo quality combined with an understanding of factors affecting implantation and early embryonic development is essential for clinicians and scientists involved in reproduction. Faculty of this course will present some of the latest research in the fields of reproductive molecular biology, genetics, embryology, and immunology. The knowledge of such research will be applicable to the management of preclinical loss following ART and recurrent preclinical miscarriage. This live course is designed as an update on endometrial receptivity, endometrial-embryonic interactions, and the genetics of early pregnancy and will be of benefit to a wide variety of health-care professionals, including physicians, laboratory professionals, nurses, and other allied health-care providers.

## ACGME Competency

Medical Knowledge  
 Patient Care

## Learning Objectives

At the conclusion of this course, participants should be able to:

1. Review the epidemiology of preclinical versus clinical loss.
2. Describe the molecular and immunological basis of endometrial receptivity and implantation.
3. Outline the genetics of preclinical loss including the frequency and distribution of cytogenetic abnormalities, and the origins of aneuploidy/polyplody.
4. Critically evaluate the management of recurrent preclinical miscarriage and preclinical loss following ART.

## **PC13** **Practical Management of Polycystic Ovary Syndrome: From Fertility to Long-term Health** **CME**

Developed in Cooperation with AESIG, and AE-PCOS Society

### **Faculty**

Kathleen M. Hoeger, M.D., M.P.H. (Chair)

*University of Rochester*

Heather Huddleston, M.D.

*University of California, San Francisco*

Anuja Dokras, M.D., Ph.D.

*University of Pennsylvania*

Deborah B. Horn, D.O., M.P.H.

*University of Texas, Houston*

### **Needs Assessment and Description**

Polycystic ovary syndrome (PCOS) is the most common reproductive endocrine disorder in women. It has a worldwide prevalence of at least 10%. Many women with PCOS struggle with concerns related to weight issues as well as experiencing difficulties with menstrual control and infertility. Diagnosis is often delayed and there is variable approach to the workup in clinical practice. There is a need for practical office-based diagnostic and management strategies that are evidence based. Practitioners will benefit from a comprehensive multidisciplinary approach to the management of PCOS to provide the latest information on hormonal therapy, fertility treatment, and weight loss strategies. This live course for physicians, nurse practitioners, nurses, psychologists, nutritionists, fellows, and residents will address questions regarding practical management of clinical situations in PCOS. This will include the proper diagnostic evaluation, assessment of metabolic status, use of hormonal therapy for menstrual control, evidenced-based fertility treatment, and weight loss strategies.

### **ACGME Competency**

Medical Knowledge

Patient Care

Interpersonal and Communication Skills

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Review the diagnostic criteria for PCOS and apply it to all ages of population.
2. Counsel women with PCOS on the best weight loss approaches.
3. Apply the best evidence-based approach to fertility and hormonal management in PCOS.

# PC14 **Ultrasound Imaging to Improve Fertility and Pregnancy Outcomes**

Developed in Cooperation with IRMSIG and AIUM

CME

## Faculty

Laura Detti, M.D. (Chair)  
*University of Tennessee Health Science Center*  
 Laurel Stadtmauer, M.D., Ph.D.  
*Jones Institute for Reproductive Medicine*  
 Michael Heard, M.D.  
*The Heard Institute*  
 James M. Shwayder, M.D., J.D.  
*University of Mississippi Medical Center*

## Needs Assessment and Description

This live course is aimed at closing the practice gap between “what we see on the ultrasound screen” and interpretation of the images to optimize patients’ fertility, pregnancy, and overall health. The course will provide a comprehensive overview of the use of ultrasound of the female pelvis for physicians, nurses, and ultrasonographers actively involved in gynecology, reproductive medicine, infertility, and early pregnancy. The course will fulfill Continuing Medical Education requirements for American Institute of Ultrasound in Medicine credentialing. The course will emphasize the use, interpretation, and applications of 3-D imaging, volume acquisition, and Doppler flow calculation. It will describe performance and optimization of special techniques, such as sonohysterography, for the assessment of uterine cavity morphology and tubal patency. A multidisciplinary approach with radiologists, reproductive endocrinologists, and gynecologists will ensure broad coverage of the discussed topics. Participants will be encouraged to actively take part in case presentations and discussions and will have opportunity for hands-on simulation in manipulating 3-D images.

## ACGME Competency

Patient Care

## Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the appropriate use of ultrasonography in the evaluation of benign pelvic pathology, müllerian anomalies, and infertility.
2. Discuss the importance of 3-D ultrasonography and Doppler blood-flow assessment in gynecology as well as in reproductive medicine and infertility.
3. Evaluate tubal patency by using ultrasound techniques such as sonohysterography.
4. Critically assess early pregnancy imaging to discern normal from abnormal and ectopic pregnancy.

## PC15

### Müllerian Anomalies and Infertility and Reproductive Consequences: Evaluation and Surgical Management

CME

Developed in Cooperation with SRS

#### Faculty

Samantha M. Pfeifer, M.D. (Chair)  
*Weill Cornell Medical College*  
Joseph Sanfilippo, M.D., M.B.A.  
*University of Pittsburgh*  
Staci E. Pollack, M.D., M.S.  
*Montefiore Medical Center/Albert Einstein College of Medicine*

#### Needs Assessment and Description

Müllerian anomalies are rare conditions encompassing anatomical variations in uterine, cervical, and vaginal development. These anomalies may be asymptomatic but can also lead to pain, infertility, and other reproductive dysfunction. Most physicians and allied health professionals are not exposed to these conditions during training and as such have little experience in diagnosis and surgical management. With advances in minimally invasive surgical techniques as well as assisted reproductive technology, surgical management of these anomalies is still evolving. Reproductive surgeons are ideally suited to care for these individuals as they have surgical expertise in preservation of reproductive organs as well as knowledge regarding fertility treatment options. This live course is designed for reproductive endocrinologists, reproductive surgeons, adolescent specialists, and allied health professionals who care for women of reproductive age and want to further their knowledge regarding the consequences of müllerian anomalies with respect to infertility and

reproduction, as well as diagnostic strategies and surgical management. The course will address the diagnosis and surgical management of common and rare müllerian anomalies utilizing newer diagnostic modalities and surgical techniques. The focus of the lectures will also highlight consequences of these anomalies including their effect on fertility and reproduction. Presenting the diagnosis and management of müllerian anomalies will enhance understanding of these conditions for all health-care providers, and thereby facilitate treatment. In addition, familiarizing the participants with surgical techniques to correct these anomalies will further their skills and broaden the role of the reproductive surgeon.

#### ACGME Competency

Patient Care

#### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Discuss the diagnosis of müllerian anomalies presenting in women of reproductive age.
2. Describe options for treating uterine and vaginal agenesis.
3. Illustrate surgical techniques for treating anomalies that cause clinical conditions such as recurrent pregnancy loss, dyspareunia, dysmenorrhea, and infertility.



# PC16

## Decisions, Decisions: A Framework to Help Patients Confront the Many Tough Choices in Reproductive Medicine

CME

Developed in Cooperation with NPG, LPG, GCSIG, and SART

### Faculty

Erin A. Yontz, M.S., A.P.R.N., C.N.P. (Chair)  
*Kettering Health Network*  
 Susan L. Crockin, J.D.  
*Crockin Law & Policy Group, PLLC*  
 Jason M. Franasiak, M.D., T.S. (A.B.B.)  
*Reproductive Medicine Associates of New Jersey,*  
*Thomas Jefferson University*  
 Jill M. Fischer, M.S., C.G.C.  
*Long Island University – Post*

### Needs Assessment and Description

From the initial decision to seek specialty care to making difficult decisions about the most delicate of procedures, patients undergoing assisted reproductive technology (ART) procedures are constantly being presented with choices. Throughout fertility treatment, every patient must make many decisions, some of which may have distressing consequences as they struggle to build their families.

Gap analysis indicates that professionals need education to better assist patients in a variety of areas including poor response and efficacy of adjunctive treatments, avoidance of multiple births without sacrificing pregnancy rates, disputes in embryo disposition, role and technical limitations of preimplantation genetic screening (PGS) results, and implications of and appropriate counseling for fertility preservation.

This live, interprofessional course for physicians, nurses, and genetics and legal professionals will explore these topics and build a framework with which to guide patients through the corresponding complicated and oftentimes paradoxical decisions throughout the course of treatment.

### ACGME Competency

Patient Care  
 Interpersonal and Communication Skills

### Interprofessional Competency

Interprofessional Teamwork and Team-based Care  
 Interprofessional Communication

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Identify appropriate elements in the treatment of poor responders and associate the efficacy of adjunctive treatments which may be employed in plan of care.
2. Discuss the various options around frozen embryo disposition, including issues related to abandonment, donation, and consent vs agreement.
3. Explain elements of the nursing role in patient choice during ART treatment including fertility preservation for social or medical reasons.
4. Discuss the goals, techniques, limitations, and interpretation of PGS and carrier screening and examine the complex choices faced when patients consider both.
5. Utilize a team-based approach to integrate comprehensive care practices.

## PC17

**Caring for Donors, Gestational Carriers, and Intended Parents: Best Practice Protocols, Psychoeducation, Legal Protections, Support**  
Developed in Cooperation with MHPG and LPG

CME

### Faculty

William D. Petok, Ph.D. (Chair)  
*Thomas Jefferson University, Sidney Kimmel Medical College*  
Paula Amato, M.D.  
*Oregon Health & Science University*  
Karen Hall, Ph.D.  
*The Center for Infertility Counseling and Support*  
Stephanie Caballero, J.D.  
*The Surrogacy Law Center, PLC*

### Needs Assessment and Description

The objective of this live, interprofessional course is to present the best practice protocols for mental health professionals, legal practitioners, and medical practitioners working in third-party reproduction. ASRM and ESHRE have published clear guidelines for third-party reproductive care, including screening of donors, gestational carriers, and psychoeducational consultations with intended parents. Practice settings for third-party services vary from academic faculties or "in house," where a clinician is a member of a multidisciplinary medical team, to contractors in a private practice setting engaged by one or more medical practices or commercial agencies. Legal professionals often provide services to all parties involved. The legal issues are complicated and require specific expertise in this area of law. It is hoped that the model of ethics, legal concerns, and standards of care presented in this course will encourage all practitioners to incorporate best practices in their interaction and treatment of oocyte donors, gestational carriers, and intended parents. Course attendees will be presented information on inclusive best care practices for the medical care, psychoeducation, screening, legal protection, and ongoing support for gamete donors, gestational carriers, and intended parents. The goal of these best care practices is to maximize success and ensure safety in third-party reproduction in an ethical context.

### ACGME Competency

Professionalism  
Systems-based Practice

### Interprofessional Competency

Interprofessional Teamwork and Team-based Care

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Implement the following best practice protocols:
  - Medical screening protocols, medical management of cycles for donors, gestational carriers, and intended parents.
  - Psychological assessment and psychoeducation of gestational carriers, oocyte donors, and intended parents with case study examples of ethical issues related to third-party reproduction.
  - Relevant legal concerns and case studies involving oocyte donors, gestational carriers, and intended parents, including discussion on recent and ongoing legislation which focuses on protection of all third-party participants and implications for future offspring.
  - Psychoeducation for donors including review of risk factors: ovarian hyperstimulation syndrome, ovarian torsion, and current research on potential risks of cancer.
  - Concerns in disclosure and non-disclosure.
  - Appropriate legal representations, key contract provisions, and the ethics of informed consent for all third-party participants.
  - Future implications for donors, gestational carriers, and intended parents, including the possible discovery of new medical or genetic information from or about offspring or donors, and potential contacts with offspring and intended parents through case studies.
2. Develop team-based strategies for multidisciplinary care.

# PC18 The Central Role of Cryopreservation in Assisted Reproductive Technology

Developed in Cooperation with ESHRE

CME

## Faculty

Giovanni Coticchio, Ph.D. (Chair)  
*Biogenesi Reproductive Medicine Centre*  
Etienne Van den Abbeel, Ph.D.  
*University Hospital, University Ghent*  
Claus Yding Andersen, D.M.Sc., M.Sc.  
*University of Copenhagen*  
Arne Sunde, Ph.D.  
*St Olavs University Hospital*

## Needs Assessment and Description

The application of cryopreservation in modern assisted reproductive technology (ART) requires appreciation of capabilities and limitations of the different methodological approaches, also in consideration of the diversity among reproductive cells. If applied appropriately, cryopreservation can offer a multiplicity of advantages and opportunities, impacting the safety, efficacy, efficiency, and ethics of ART procedures. However, complete awareness of the importance and performance of cryopreservation has not perhaps been achieved, as suggested by the high incidence of multiple pregnancies and low proportion of babies born from cryopreserved embryos in many countries. Therefore, efforts are required to spread further knowledge on performance and versatility of cryopreservation. This live course for clinical embryologists, technologists, and reproductive clinicians will provide a comprehensive overview of cryopreservation, providing crucial information for its successful use in ART.

## ACGME Competency

Medical Knowledge

## Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the fundamental concepts of cryopreservation applied to reproductive cells.
2. Appraise successes, limitations, and possible developments of sperm and oocyte cryopreservation.
3. Discuss the different options for embryo cryopreservation.
4. Describe the versatility and current performance of cryopreservation in oncofertility.
5. Explain the fundamental role of embryo cryopreservation to assure efficacy and safety in ART.

## PC19

### Brave New In Vitro Fertilization World: Safety and Efficiency Is All That Matters

Developed in Cooperation with MEFS

CME

#### Faculty

Johnny T. Awwad, M.D. (Co-chair)  
*American University of Beirut Medical Center*  
Botros Rizk, M.D., H.C.L.D., F.A.C.O.G., F.A.C.S., M.A.,  
F.R.C.O.G., F.R.C.S. (Co-chair)  
*University of South Alabama*  
Marcelle I. Cedars, M.D.  
*University of California, San Francisco*  
Siladitya Bhattacharya, M.B.B.S., M.D., F.R.C.O.G.  
*University of Aberdeen*

#### Needs Assessment and Description

The practice of transferring multiple embryos to the uterus for the purpose of enhancing implantation in humans has caused a dramatic surge in multiple births across the world, and significant increase in neonatal morbidity and mortality, maternal pregnancy-related health complications, and associated short- and long-term financial and psychological burden. The challenge we face today is to be able to replace into the uterus a single embryo without compromising final outcome. Another challenge is the premature adoption of several technological innovations in the practice of assisted reproduction long before any evidence of direct benefit to patients' final outcome has occurred. This course is designed for physician specialists in reproductive endocrinology and infertility and allied health professionals, embryologists, and scientists in reproductive medicine. The course will use an active learning style, which consists of a team-based, problem-oriented approach that is highly interactive, allowing sufficient time for thought exchange and experience sharing. Participants will receive a comprehensive update on contemporary practices originally designed for the purpose of enhancing the efficiency and safety of in vitro fertilization (IVF) practice. Faculty will conduct a critical appraisal of the ability of these novel techniques and technologies to support the birth of a healthy singleton with minimal maternal and fetal risks. Specifically, the course will discuss the value of ovarian biomarkers, morphokinetics, freeze-all policy, preimplantation genetic screening (PGS) for all, and molecular markers of endometrial receptivity in improving the efficiency of embryo selection and implantation. It will also review strategies of final follicle maturation, luteal support, and elective single-embryo transfer (eSET).

#### ACGME Competency

Patient Care  
Practice-based Learning and Improvement

#### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the usefulness of biomarkers in designing ovarian stimulation protocols and appraise the evidence on the clinical impact of biomarkers on final IVF outcome.
2. Describe the morphokinetic events associated with in vitro embryo development and assess the clinical benefits of time-lapse imaging on improving embryo selection.
3. Contrast the advantages and limitations of the freeze-all policy in IVF practice and evaluate the cost-effectiveness of this policy in selected and unselected couples.
4. Identify the benefits and shortcomings of PGS-for-all in standard IVF practice and explore the strengths and weaknesses of the technology in improving final IVF outcome.
5. Discuss the principles of molecular screening for endometrial receptivity and explore the cost-effectiveness of screening for failed IVF cycles.
6. Describe the physiologic events associated with gonadotropin-releasing hormone agonist trigger of follicle maturation and design protocols to optimize success without compromising safety.
7. Explain the physiologic events associated with the window of implantation and explore the clinical value of luteal interventions beyond conventional progesterone supplementation.
8. Summarize the evidence on the outcome of eSETs and develop strategies to implement eSET in an IVF program.
9. Identify the need to establish quality measures of efficiency and safety in IVF programs and develop key performance indicators of efficiency and safety in IVF programs.

# PC20 Actualidades en Reproducción Asistida: El Punto de Vista Clínico para el Biólogo y un Punto de Vista del Biólogo para el Clínico. Presentado en Español. CME

Developed in Cooperation with AMMR and ALMER

## Profesorado:

Carlos E. Sueldo, M.D. (Preside)  
*Universidad de California, San Francisco-Fresno*  
 Carlos Simón, M.D., Ph.D.  
*Universidad of Valencia, INCLIVA; Igenomix*  
 Miguel Angel Checa, M.D., Ph.D.  
*Hospital del Mar, Barcelona*  
 Sergio Oehninger, M.D., Ph.D.  
*EVMS - Instituto Jones de Medicina Reproductiva*  
 Benjamin Sandler, M.D.  
*Reproductive Medicine Associates of New York/*  
*Icahn School of Medicine at Mount Sinai*

## Descripción del curso

La gran cantidad de investigación y estudios clínicos en el campo de las técnicas de reproducción asistida (TRA) representa desafíos constantes para que tanto los clínicos como los científicos puedan determinar los abordajes óptimos en la atención clínica diaria. Este curso evaluará conceptos y controversias innovadoras con énfasis en los principios biológicos y aspectos clínicos del diagnóstico, evaluación y opciones de tratamiento en los pacientes que llevan a cabo tratamientos de reproducción asistida. Aplicando conceptos clave y empleando técnicas

de vanguardia, los especialistas serán capaces de mejorar sus decisiones de tratamiento así como optimizar los pronósticos en sus pacientes. Este curso será presentado en español y esta principalmente dirigido a especialistas en infertilidad y endocrinología, biólogos y embriólogos.

## Competencia ACGME

Evaluación y cuidados clínicos  
 Aprendizaje basado en la práctica

## Objetivos de Aprendizaje

Al finalizar el curso los participantes podrán:

1. Argumentar las controversias en la práctica diaria de TRA así como los pronósticos en la investigación y ensayos clínicos de varias áreas del tratamiento.
2. Describir manejos clínicos óptimos en TRA para pacientes con diferentes reservas ováricas.
3. Explorar el papel de las técnicas más recientes tanto de diagnóstico como de tratamiento en TRA.



## **PC21** Procedure and Technique for Embryo Transfer in Humans (half-day hands-on course – **morning** with the ASRM Embryo Transfer Simulator)

**CME**

### **Faculty**

Alan S. Penzias, M.D. (Chair)  
*Harvard Medical School; Boston IVF*  
Kristin Bendikson, M.D.  
*University of Southern California*  
David Frankfurter, M.D.  
*The George Washington University*  
Thomas L. Toth, M.D.  
*Massachusetts General Hospital/Harvard Medical School*  
Julie Lamb, M.D.  
*Pacific NW Fertility*  
Mamie McLean, M.D.  
*University of Alabama at Birmingham*  
James H. Segars, M.D.  
*Johns Hopkins School of Medicine*  
G. Wright Bates, Jr., M.D.  
*University of Alabama at Birmingham*  
George A. Hill, M.D.  
*Nashville Fertility Center*  
James P. Toner, M.D., Ph.D.  
*Atlanta Center for Reproductive Medicine*  
Keith A. Ray, B.A.  
*American Society for Reproductive Medicine*

### **ACGME Competency**

Patient Care

### **Learning Objectives**

At the conclusion of this course, participants should be able to:

1. Describe the steps of an embryo transfer procedure in humans.
2. Discuss best practice for embryo transfer in humans.
3. Implement the hands-on experience gained with the embryo transfer simulator in practice.

### **Needs Assessment and Course Description**

Reproductive health professionals receive training in various aspects of assisted reproductive technology and other infertility treatment procedures. There is, however, a widespread gap in training in embryo transfer. There currently is no standardized embryo transfer procedure or method for training professionals entering the field. The objective of this live course for reproductive health professionals who perform embryo transfer procedures is to learn the common best practices in embryo transfer and practice embryo transfer techniques using a virtual reality-based simulator. Learners will use modules of progressive difficulty to develop motor and cognitive skills for performing embryo transfer. The hands-on portion of the course will provide virtually simulated operative steps with increasing levels of complexity, and will store performance metrics for all users for export in standard data formats. The goal is for practitioners to improve their embryo transfer technique.

## PC22 Procedure and Technique for Embryo Transfer in Humans

(half-day hands-on course – **afternoon** with the ASRM Embryo Transfer Simulator)

CME

### Faculty

Alan S. Penzias, M.D. (Chair)  
Harvard Medical School; Boston IVF  
Kristin Bendikson, M.D.  
University of Southern California  
David Frankfurter, M.D.  
The George Washington University  
Thomas L. Toth, M.D.  
Massachusetts General Hospital/Harvard Medical School  
Julie Lamb, M.D.  
Pacific NW Fertility  
Mamie McLean, M.D.  
University of Alabama at Birmingham  
James H. Segars, M.D.  
Johns Hopkins School of Medicine  
G. Wright Bates, Jr., M.D.  
University of Alabama at Birmingham  
George A. Hill, M.D.  
Nashville Fertility Center  
James P. Toner, M.D., Ph.D.  
Atlanta Center for Reproductive Medicine  
Keith A. Ray, B.A.  
American Society for Reproductive Medicine

### Needs Assessment and Course Description

Reproductive health professionals receive training in various aspects of assisted reproductive technology and other infertility treatment procedures. There is, however,

a widespread gap in training in embryo transfer. There currently is no standardized embryo transfer procedure or method for training professionals entering the field. The objective of this live course for reproductive health professionals who perform embryo transfer procedures is to learn the common best practices in embryo transfer and practice embryo transfer techniques using a virtual reality-based simulator. Learners will use modules of progressive difficulty to develop motor and cognitive skills for performing embryo transfer. The hands-on portion of the course will provide virtually simulated operative steps with increasing levels of complexity, and will store performance metrics for all users for export in standard data formats. The goal is for practitioners to improve their embryo transfer technique.

### ACGME Competency

Patient Care

### Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the steps of an embryo transfer procedure in humans.
2. Discuss best practice for embryo transfer in humans.
3. Implement the hands-on experience gained with the embryo transfer simulator in practice.

## Do you know a resident attending the Scientific Congress?

Participants of the **ASRM Resident Education Program** will attend a flipped-classroom, interactive learning session, led by experts in reproductive medicine and medical education (boxed lunch provided), and a related symposium.

This ASRM-sponsored program (no additional cost to participants) is open to the first 100 residents who opt in at the time they register for the Scientific Program using a dialogue box that will open during the registration process.

Questions? Email Jessica Goldstein at [jgoldstein@asrm.org](mailto:jgoldstein@asrm.org).



SAN ANTONIO



2017

asrm

8th  
annual

American Society for  
Reproductive Medicine

ASRM 5K Fun Run/Walk for  
Reproductive Health



Supported by EMD Serono

# ASRM 2017 SCIENTIFIC CONGRESS

## NEEDS ASSESSMENT AND DESCRIPTION

The theme of the 2017 Scientific Congress of the American Society for Reproductive Medicine is "Advancing Reproductive Medicine to Build Healthy Families." The scope of reproductive medicine is broad, ranging from puberty to menopause and including males and females, while having a focus that is both molecular and macroscopic. Family building through the utilization of reproductive medicine for resolution of infertility or fertility preservation will be explored at this Congress. The program is balanced between science at the cellular level and application of clinical care in family-building strategies. This live program is designed for physicians, nurses, andrology and embryology laboratory personnel, genetic counselors, social workers, practice and laboratory managers, as well as specialists in mental health, law, and ethics to advance exemplary medical care and disseminate cutting-edge research. These goals will be addressed by a wide array of educational activities.

The Continuing Medical Education/Continuing Education (CME/CE) portion of the Scientific Congress will include plenary lectures, symposia, and interactive sessions interweaving the theme of the annual Congress. Plenary lectures will feature exceptional speakers covering a wide range of themes in reproductive research and clinical medicine including: translation of animal science to clinical care; exploring the cellular transitions from ovum to embryo; investigating the role of cell and gene therapies in reproductive medicine; designing contraception based on molecular genetics; re-examining uterine transplantation surgery; strategies for communicating medical knowledge; and reflecting on the history of in vitro fertilization in America. Congress symposia will provide more in-depth coverage of basic and clinical subjects. Topics range from ethics of genomic germ-line editing, assisted reproductive technology (ART) in the patient with polycystic ovary syndrome (PCOS), the environmental influence of diet and lifestyle on fertility and the role of adjuvant and complementary therapies, epigenetic influences of culture media, leiomyosarcoma diagnosis, counseling and legal implications of family building through third parties, the relationship between stress and infertility, ethical and technical issues with uterine transplantation, transgender fertility treatment, ART legal cases, access to care through simplified ART, regulatory pathways for reproductive devices, and updates on the Health Insurance Portability and Accountability Act (HIPAA) of 1996.

The interactive sessions cover a wide range of stimulating topics and are meant to be a forum for discussion and interaction, including topics such as mitochondrial DNA assessment, early pregnancy imaging, the role of micromanipulation in ART, donor disclosure, complementary and alternative medicine approaches to PCOS, fertility preservation in adolescence, and the role of evolving and novel tests and therapies. Supplementing the CME/CE program will be non-CME/CE events including Roundtable Luncheons and Expert Encounters that will provide opportunities for in-depth discussion with experts in small-group settings as well as oral and poster scientific abstract presentations that enable investigators to present cutting-edge scientific research in reproductive medicine and biology.

The 2017 Scientific Congress should provide ample opportunity for learning, improvement of clinical competence and skills, and potential scientific collaboration.

## LEARNING OBJECTIVES

At the conclusion of the Scientific Congress, participants should be able to:

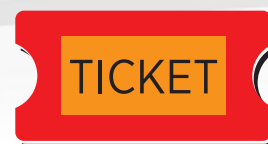
1. Discuss how the extensive range of reproductive technologies from the cellular level to clinical application impact family building.
2. Propose strategies that simplify technology, reduce costs, and broaden accessibility to ART care.
3. Describe the relevance of genetics and genomics to reproductive care.
4. Apply the latest scientific advances in embryo biology and assessment to the optimization of embryo transfer.
5. Summarize current knowledge of endometriosis, fibroids, menopause, contraception, and PCOS.
6. Explain the ethical, legal, and psychosocial ramifications of third-party reproduction.
7. Select appropriate treatments for reproductive dysfunctions in females and males at different ages throughout life—childhood, adolescence, adulthood, and reproductive senescence.

## ACGME COMPETENCIES

Interpersonal and Communication Skills  
 Medical Knowledge  
 Patient Care  
 Practice-based Learning and Improvement  
 Professionalism  
 Systems-based Practice

## INTERPROFESSIONAL COMPETENCIES

Values/ethics for Interprofessional Practice  
 Roles/responsibilities  
 Interprofessional Communication  
 Teams and Teamwork  
 Interprofessional Teamwork and Team-based Care



# TICKETED EVENTS

Ticketed events listed in the daily schedule are marked with a  icon.

## SUNDAY, OCTOBER 29, 2017

**8:00 am – 3:45 pm**

**Society for Reproductive Endocrinology and Infertility (SREI) Members' Retreat**  
\$250 Fee

Do you want to improve your REI Practice? The SREI Members Retreat is a one day non-CME course that will focus on strategies to keep your practice healthy and growing. Topics covered will include: marketing your practice, prevention of patient drop out, improvement of patient and personnel satisfaction and ways to ensure the future of your practice. Also, included will be opportunities to improve personal and professional satisfaction, with discussions on implementing research, teaching and current literature into every day practice.

**3:00 pm – 5:00 pm**

**Personal Finance for Physicians Workshop**

Stuart S. Howards, M.D.  
*University of Virginia*  
\$25 Fee

In this non-CME workshop, attendees will receive objective advice and education regarding personal finances (practice finances will not be covered). Topics will include the following: insurance, legal considerations, investments (general principles), retirement investments and planning, savings for college expenses, and estate planning.

## DAILY



**Roundtable Luncheons**

**Monday, Tuesday, and Wednesday**

**12:30 pm - 1:30 pm**

\$55 Fee/day

## TUESDAY, OCTOBER 31, 2017

**6:00 am**

**8th Annual ASRM 5K Run & Walk**  
\$50 Fee

**7:00 am – 8:45 am**

**Women's Council Breakfast**  
\$40 Fee

**12:30 pm – 1:30 pm**

**Lunch Symposium**

\$10 Fee, includes boxed lunch

**More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society:**

Challenges and Solutions to Improve Access to Regulated and Cost-effective Fertility Care in Africa

Hon. Sarah Opendi, Minister of State of Health, Uganda

Hon. Joyce Lay, Member of Parliament, Kenya

Prof. Oladapo Ashiru, President of Africa Fertility Society

Prof. Joe Leigh Simpson, Immediate Past President of IFFS

Dr. Kamini Rao, Chairperson of International Institution for Training & Research in Reproductive Health, IIRRH, India

Dr. Rasha Kelej, Chief Social Officer and Vice President of Merck KGaA, Darmstadt, Germany

Discussion of capacity building of fertility care in Africa with special focus on embryology training and its impact on improving access to fertility care in Africa.

Discussion of different challenges and solutions to improve access to regulated, cost-effective, and safe fertility care in the continent.

An infertile woman from Kenya will share her experience of lack of access to information and fertility care and how this affected her life.



## DAILY

These informal non-CME sessions are designed for interaction and exchange with recognized experts in their field. Bring your questions and discussion ideas, and be prepared to engage while you enjoy a boxed lunch during the session. Sign up now for this ticketed event. Limited registration.



# expert encounters

### Monday, October 30, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

#### Embryonic and Uterine Checkpoints Needed for a Successful Pregnancy

Carlos Simón, M.D., Ph.D.

University of Valencia, INCLIVA; Igenomix

Catherine Racowsky, Ph.D.

Brigham and Women's Hospital

#### What Research Will Reproductive Endocrinologists Do in the Future?

Alan H. DeCherney, M.D.

Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health

### Tuesday, October 31, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

#### Difficult Management Cases in Male Infertility: From the Laboratory to the Bedside

Dolores J. Lamb, Ph.D.

Baylor College of Medicine

Larry I. Lipshultz, M.D.

Baylor College of Medicine

#### Challenge the Skeptic

Michael Shermer, Ph.D.

Skeptic Magazine

### Wednesday, November 1, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

#### Mosaicism

Nathan Treff, Ph.D.

Reproductive Medicine Associates of New Jersey

#### Women's Health in the Media - Challenges and Opportunities

Jennifer Ashton, M.D., M.S., F.A.C.O.G.

Englewood Hospital

Chief Women's Health Correspondent, ABC News



## WHAT'S NEW AT THIS YEAR'S CONGRESS

1. We've brought back lunch! There is now a designated time, 12:30-1:30 pm, for either a ticketed lunchtime activity or for you to grab lunch and network with colleagues. We offer several non-CME activities at that time including **roundtables**, industry-supported offerings, and **our new Expert Encounters**.
2. What's an Expert Encounter? This is your opportunity to ask questions and have a dialogue and lunch with an expert on select topic areas. Space is limited and these will sell out, so book your slot early!
3. We've added even more roundtable discussions.
4. More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society Lunch Symposium
5. Our meeting app is improved and the best ever!
6. We will have a Pre-Congress course, as well as roundtables and symposia, in Spanish.
7. It's Halloween with several spooktacular evening activities. And it's Día de los Muertos, when San Antonio embraces the day to remember loved ones who have departed. Plan to join in this colorful celebration with music and dance, along with a drum and puppet procession through downtown San Antonio.

# 2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

## Sunday, October 29, 2017

**8:00 am - 3:45 pm**  
**SREI Members' Retreat**



**1:00 pm - 5:00 pm**  
**Poster Setup**

**3:00 pm - 5:00 pm**  
**Workshop**  
Personal Finance for Physicians  
Stuart S. Howards, M.D.  
University of Virginia



Don P. Wolf, Ph.D.  
Oregon Health & Science University  
Richard P. Marrs, M.D.  
California Fertility Partners

**10:15 am - 11:00 am**  
**Break**

**11:00 am - 12:00 pm**  
**MHPG Clinical Session**  
The Practitioner as Researcher  
Ken Daniels, ONZM, B.A., M.A. (Hons),  
Dip. Soc. Sci, Dip. App. Soc. Sci.  
University of Canterbury

Success Rates of Frozen Embryo  
Transfer and Fresh Cycles: Traditional  
Therapies and Complementary and  
Alternative Medicine  
Jennifer E. Mersereau, M.D. (Chair)  
University of North Carolina  
Juan Antonio Garcia-Velasco, M.D.  
IVI Madrid  
Coleen Smith, D.A.O.M., L.Ac.,  
F.A.B.O.R.M.  
Point of Origin Acupuncture

**1:30 pm - 2:30 pm**  
**Interactive Session**  
Case Presentations  
Stump the Audience: Interesting  
and Unusual Cases in Pediatric and  
Adolescent Gynecology  
Beth W. Rackow, M.D. (Chair)  
Columbia University Medical Center  
Carol Wheeler, M.D.  
Women & Infants Hospital  
Jennifer E. Dietrich, M.D., M.Sc.,  
F.A.C.O.G., F.A.A.P.  
Baylor College of Medicine

CME

## Monday, October 30, 2017

**7:00 am - 7:45 am**  
**Opening Ceremony**  
**Continental Breakfast**

**7:45 am - 8:45 am**  
**Opening Ceremony**

**8:45 am - 9:30 am**  
**Plenary**  
President's Guest Lecture  
Endowed by a 1987 grant from  
Ortho Women's Health

CME

**9:00 am - 1:00 pm**  
**Poster Setup**

**9:30 am - 10:15 am**  
**Plenary**  
Herbert H. Thomas Lecture: Birth of  
In Vitro Fertilization in America  
Endowed by a 1990 grant from TAP  
Pharmaceutical  
Richard J. Paulson, M.D. (Moderator)  
University of Southern California  
Alan H. DeCherney, M.D.  
Eunice Kennedy Shriver National  
Institute of Child Health and Human  
Development, National Institutes of  
Health  
Zev Rosenwaks, M.D.  
Weill Cornell Medical College of  
Cornell University  
Lucinda Veeck Gosden, M.L.T.,  
D.Sc. (Hon)  
Weill Cornell Medical School, Retired

CME

**11:00 am - 12:30 pm**  
**Scientific Congress Prize Paper  
Session 1**

**11:00 am - 12:30 pm**  
**Oral Abstract Sessions**

**12:30 pm - 1:30 pm**  
**Break/Lunch**

**12:30 pm - 1:30 pm**  
**Expert Encounter**  
Embryonic and Uterine Check-  
points Needed for a Successful  
Pregnancy  
Carlos Simón, M.D., Ph.D.  
University of Valencia, INCLIVA;  
Igenomix  
Catherine Racowsky, Ph.D.  
Brigham & Women's Hospital



**12:30 pm - 1:30 pm**  
**Expert Encounter**  
What Research Will Reproductive  
Endocrinologists Do in the Future?  
Alan H. DeCherney, M.D.  
Eunice Kennedy Shriver National  
Institute of Child Health and Human  
Development, National Institutes of  
Health



**12:30 pm - 1:30 pm**  
**Roundtables**



**1:30 pm - 2:30 pm**  
**Interactive Session**  
Case Presentations  
Uterine Lining Improvement: Optimizing

CME

**1:30 pm - 2:30 pm**  
**Interactive Session**  
Debate  
Testicular versus Ejaculated  
Sperm Should Be Used for  
Intracytoplasmic Sperm Injection  
(ICSI) in Cases of Recurrent  
ICSI Failure Due to Sperm DNA  
Fragmentation  
Armand Zini, M.D. (Chair)  
McGill University  
Sandro C. Esteves, M.D., Ph.D.  
ANDROFERT, Referral Center for  
Male Reproduction  
Mark Sigman, M.D.  
Brown University

CME

**1:30 pm - 2:30 pm**  
**Interactive Session**  
Debate  
Contraception Interactive  
Session: Should We Use Hormonal  
Contraceptives in Obese Women?  
Robert A. Wild, M.D., Ph.D., M.P.H.  
(Chair)  
Oklahoma University Health  
Sciences Center

CME

# 2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

Kathleen M. Hoeger, M.D., M.P.H.  
*University of Rochester*  
 Lee P. Shulman, M.D.  
*Feinberg School of Medicine of Northwestern University*

## 1:30 pm - 2:30 pm Interactive Session

CME

*Debate*  
 Use of Mitochondrial DNA Assessment as an Adjunct to Preimplantation Genetic Screening  
 Frank L. Barnes, Ph.D. (Chair)  
*Zouves Fertility Center*  
 Nathan R. Treff, Ph.D.,  
*Reproductive Medicine Associates of New Jersey*  
 Dagan Wells, Ph.D.  
*University of Oxford*

## 1:30 pm - 2:30 pm Interactive Session

CME

*Panel Discussion*  
 Translating Science into Practical Advice for Patients: Environment and Dietary Research  
 Irene Souter, M.D. (Chair)  
*Harvard Medical School, Massachusetts General Hospital*  
 Carmen Messerlian, Ph.D.  
*Harvard T.H. Chan School of Public Health*  
 Audrey Gaskins, Sc.D.  
*Harvard T.H. Chan School of Public Health*

## 1:30 pm - 2:30 pm Interactive Session

CME

*Case Presentations*  
 Imaging of the Early Pregnancy and Its Pitfalls  
 Laura Detti, M.D. (Chair)  
*University of Tennessee Health Science Center*  
 Michael J. Heard, M.D.  
*The Heard Clinic*  
 Julierut Tantibhedhyangkul, M.D.  
*Cleveland Clinic*

## 1:30 pm - 2:30 pm MHPG Clinical Session

What Does It Mean to Let People Know?: Issues of Disclosure in Donor-assisted Reproduction

Nancy Kaufman, L.C.S.W.  
*Private Practice, New York City*  
 Nancy Freeman-Carroll, Psy.D.  
*Private Practice, New York City*

## 2:30 pm - 3:15 pm

CME

### Plenary

AUA Bruce Stewart Memorial Lecture: Finding Your Niche: Stem Cell Plasticity in the *Drosophila* Testis  
*Supported by a grant from the American Urological Association*  
 Erika Matunis, Ph.D.  
*Johns Hopkins University School of Medicine*

## 2:30 pm - 3:15 pm

CME

### Lecture

David and Rosemary Adamson Lecture on Excellence in Reproductive Medicine: Comparative Aspects of Reproductive Technologies in Exotic Species and Human  
*Endowed by Advanced Reproductive Care, Inc.*  
 Pierre Comizzoli, D.V.M., Ph.D.  
*Smithsonian Conservation Biology Institute*

## 3:15 pm - 4:00 pm

### Break

## 4:00 pm - 5:30 pm

CME

### Symposium

Fresh versus Frozen Embryo Transfer in Women with Polycystic Ovary Syndrome: What Is the Evidence and What Are the Mechanisms?  
 Richard S. Legro, M.D. (Chair)  
*Penn State University College of Medicine*  
 Zi-Jiang Chen, M.D., Ph.D.  
*Center for Reproductive Medicine, Shandong University*  
 G. Wright Bates, Jr., M.D.  
*University of Alabama at Birmingham*

## 4:00 pm - 5:30 pm

CME

### Symposium

Transgender Fertility Treatment and Preservation in Gender Dysphoric

Adolescents and Young Adults: Medical, Legal, and Psychological Concerns and Considerations  
 Jamie M. Joseph, Ph.D. (Chair)  
*Weston Cognitive Behavior Therapy & Evaluation*  
 Paula Amato, M.D.  
*Oregon Health & Science University*  
 Judith Daar, J.D.  
*Whittier Law School*

## 4:00 pm - 5:30 pm

CME

### Symposium

Effect of Environment, Diet, and Lifestyle on Male and Female Fertility  
 Lauren Nervi, M.S.N., R.N., N.P. (Chair)  
*Reproductive Medicine Associates of New Jersey*  
 Lora Shahine, M.D.  
*Pacific NW Fertility*  
 Michael L. Eisenberg, M.D.  
*Stanford University*

## 4:00 pm - 5:30 pm

CME

### Symposium

KY Cha Symposium in Stem Cell Technology and Reproductive Medicine: Changing and Exchanging Genomes  
*Supported by the Asia-Pacific Biomedical Research Foundation*  
 Robin Lovell-Badge, Ph.D. (Chair)  
*Francis Crick Institute*  
 Mary Herbert, Ph.D.  
*Newcastle University*

## 4:00 pm - 5:30 pm

CME

### Symposium

Intracytoplasmic Sperm Injection (ICSI): Past, Present, and Future  
 Gianpiero D. Palermo, M.D., Ph.D. (Chair)  
*Ronald O. Perelman and Claudia Cohen Center for Reproductive Medicine*  
 Zev Rosenwaks, M.D.  
*Weill Cornell Medical College of Cornell University*  
 Nigel Pereira, M.D.  
*Ronald O. Perelman and Claudia Cohen Center for Reproductive Medicine*

# 2017 Scientific Congress Daily Schedule

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**4:00 pm - 5:30 pm**

## Symposium

ESHRE Symposium: Genomic Editing in the Germ Line: Progress in Science Sparks the Ethical Debate  
Björn Heindryckx, Ph.D. (Chair)  
*Ghent University Hospital*  
Ben Davies, Ph.D.  
*University of Oxford*  
Guido de Wert  
*Maastricht University*

**CME**

**4:00 pm - 5:30 pm**

## Symposium

AMMR Symposium: Cirugía o Reproducción Asistida en México: Sigue la Controversia  
Raymundo Preciado-Ruiz, M.D. (Chair)  
*Hospital Ángeles del Pedregal*  
Rosa Martha Luna Rojas, M.D.  
*Reproductive Medicine Associates of New York*  
Julio de la Jara, M.D.  
*Procrea Centro de Reproducción*  
Oliver Cruz, M.D.  
*Instituto Nacional de Perinatología*

**CME**

**4:00 pm - 5:30 pm**

## Symposium

CSRM Symposium: Hot Topics in Reproductive Medicine  
Huang Guoning, M.D. (Chair)  
*Chongqing Obstetrics and Gynaecology Hospital*  
CSRM, President-Elect  
Sun Yingpu, M.D.  
CSRM, President  
Hu Yali, M.D., Ph.D.  
*Nanjing Drum Tower Hospital, the Affiliated Hospital of Nanjing University Medical School*

**CME**

**4:00 pm - 5:30 pm**

## Symposium

ASPIRE Symposium: Advances in Understanding Oocyte Function and Structure  
Chii-Ruey Tzeng, M.D., M.P.H.  
*Taipei Medical University*  
William L. Ledger, M.B., Ch.B., M.A., D.Phil. (Oxon), F.R.C.O.G., F.R.A.N.Z.C.O.G., C.R.E.I.  
*University of New South Wales*

**CME**

Vincharu Ohto, Ph.D.  
*University of Tokyo*

**4:00 pm - 5:30 pm**

## Symposium

Health Insurance Portability and Accountability Act (HIPAA): New Requirements and Audits  
Lisa Duran, B.S.  
*Reconceived*  
Lisa A. Rinehart, J.D., R.N., B.S.N.  
*LegalCare Consulting*  
Lindsey M. McBain, B.A.  
*Reproductive Medicine Associates of New Jersey*

**CME**

**4:00 pm - 5:30 pm**

## Video Session 1

## Tuesday, October 31, 2017

**6:00 am**

## ASRM 5K Run & Walk



**7:00 am - 8:45 am**

## Women's Council Breakfast



**7:00 am - 8:45 am**

## Poster Abstract Session & Continental Breakfast

**8:45 am - 9:30 am**

## Plenary

Why Smart People Believe Weird Things Too  
Endowed by a 1990 grant from Astra-Zeneca  
Michael Shermer, Ph.D.  
*Skeptic Magazine*

**CME**

**9:30 am - 10:15 am**

## Plenary

Camran Nezhat, M.D. Lectureship in Innovations in Medicine Lecture: Cell and Gene Therapies in Reproductive Medicine  
Endowed by a 2011 Gift from Camran Nezhat, M.D.  
Dr. Camran Nezhat pioneered techniques of video-assisted endoscopic surgery, which

**CME**

revolutionized modern-day surgery. He along with his brothers, Drs. Farr and Ceana Nezhat, performed some of the most advanced procedures with these techniques for the first time, thus opening the vistas for endoscopic surgeons all over the world.  
Shoukhrat Mitalipov, Ph.D.  
*Oregon Health & Science University*

**10:15 am - 11:00 am**

## Break

**11:00 am - 12:30 pm**

## Scientific Congress Prize Paper Session 2

**11:00 am - 12:30 pm**

## Oral Abstract Sessions

**12:30 pm - 1:30 pm**

## Break/Lunch

**12:30 pm - 1:30 pm**

## Expert Encounter

Difficult Management Cases in Male Infertility: From the Laboratory to the Bedside  
Dolores J. Lamb, Ph.D.  
*Baylor College of Medicine*  
Larry I. Lipshultz, M.D.  
*Baylor College of Medicine*



**12:30 pm - 1:30 pm**

## Expert Encounter

Challenge the Skeptic  
Michael Shermer, Ph.D.  
*Skeptic Magazine*



**12:30 pm - 1:30 pm**

## Lunch Symposium

More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society: Challenges and Solutions to Improve Access to Regulated and Cost-effective Fertility Care in Africa



**12:30 pm - 1:30 pm**

## Roundtables





# 2017 Scientific Congress Daily Schedule

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## 1:30 pm - 2:30 pm Interactive Session

CME

*Panel Discussion*  
Updates on Managing "Gray"  
and Abnormal Results with  
Preimplantation Genetic Testing  
Dawn A. Kelk, Ph.D., H.C.L.D. (Chair)  
Yale Fertility Center  
James A. Grifo, M.D., Ph.D.  
NYU Langone Fertility Center

## 1:30 pm - 2:30 pm Interactive Session

CME

*Panel Discussion*  
Endometrial Gene Analysis: What  
Do We Learn and How to Apply in  
Clinical Practice  
Joanne Kwak-Kim, M.D. (Chair)  
Rosalind Franklin School of  
Medicine and Science  
Kenneth Beaman, Ph.D.  
Rosalind Franklin University  
Nathalie Ledee, M.D., Ph.D.  
MatriceLAB Innove, Hôpital Saint  
Louis, Paris  
Steven L. Young, M.D., Ph.D.  
University of North Carolina School  
of Medicine

## 1:30 pm - 2:30 pm Interactive Session

CME

*Case Presentations*  
Anovulation in Polycystic Ovary  
Syndrome: A Complementary and  
Alternative Medicine Approach -  
Acupuncture, Herbs, and  
Nutritional Supplements  
Elisabet Stener-Victorin, Ph.D. (Chair)  
Karolinska Institutet  
Coleen Smith, D.A.O.M., L.Ac.,  
F.A.B.O.R.M.  
Point of Origin Acupuncture  
Sadhna Singh, D.A.O.M., L.Ac.  
Eastern Harmony Clinic

## 1:30 pm - 2:30 pm Interactive Session

CME

*Debate*  
Does Endometriosis Impact In Vitro  
Fertilization Outcomes?  
Stacey A. Missmer, Sc.D. (Chair)  
Michigan State University

Bruce A. Lessey, M.D., Ph.D.  
Greenville Health System, University of  
South Carolina School of Medicine  
Kurt T. Barnhart, M.D., M.S.C.E.  
University of Pennsylvania

## 1:30 pm - 2:30 pm Interactive Session

CME

*Debate*  
Debate on the Increasing  
Utilization of Micromanipulation:  
Intracytoplasmic Sperm Injection  
and Assisted Hatching  
Jennifer F. Knudtson, M.D. (Chair)  
University of Texas Health Science  
Center at San Antonio  
Denny Sakkas, Ph.D.  
Boston IVF  
Levent Keskinetepe, D.V.M., Ph.D.  
Sher Institute for Reproductive  
Medicine Las Vegas, LLC.

## 1:30 pm - 2:30 pm Interactive Session

CME

*Debate*  
Menopause Interactive Session: Is  
Antimüllerian Hormone a Valuable  
Diagnostic Tool for Reproductive  
Function and Menopause?  
Nanette Santoro, M.D. (Chair)  
University of Colorado School of  
Medicine  
Irene Su, M.D., M.S.C.E.  
University of California, San Diego  
Frank Stanczyk, Ph.D.  
University of California Keck School  
of Medicine

## 1:30 pm - 2:30 pm Ryan Fellows Showcase

CME

Ryan Fellows Showcase: Emerging  
Research in Contraception (in  
Cooperation with the Society of  
Family Planning)  
Ghazaleh Moayed (Chair)  
University of Hawai'i, John A. Burns  
School of Medicine  
Antoinette Nguyen, M.D., M.P.H.  
University of North Carolina School  
of Medicine  
Diana Crabtree Sokol, M.D.  
University of Southern California

## 1:30 pm - 2:30 pm MHPG Clinical Session

Ethical Aspects of Embryo Donation  
Laura Covington, M.S.W., L.I.C.S.W.  
Shady Grove Fertility  
Erica J. Mindes, Ph.D.  
Covington & Hafkin and Associates  
Meryl B. Rosenberg, J.D.  
ART Parenting

## 2:30 pm - 3:15 pm Plenary

CME

From Egg to Embryo: A Peripartetic  
Journey  
Endowed by a 1992 grant from  
Wyeth  
Richard Schultz, Ph.D.  
University of California, Davis

## 2:30 pm - 3:15 pm Keynote

CME

Menopause Keynote Lecture:  
Prevention and Intervention in  
Postmenopausal Women  
David F. Archer, M.D.  
Eastern Virginia Medical School

## 3:15 pm - 4:00 pm Break

## 4:00 pm - 5:30 pm Symposium

CME

Leiomyoma? Leiomyosarcoma?  
How Can I Tell?  
Shannon K. Laughlin-Tommaso,  
M.D., M.P.H. (Chair)  
Mayo Clinic  
Maureen P. Kohi, M.D.  
University of California, San Francisco  
Evan R. Myers, M.D., M.P.H.  
Duke University Medical Center

## 4:00 pm - 5:30 pm Symposium

CME

The "Trials" of an ART Case:  
Anatomy of a Lawsuit  
Nidhi Desai, J.D. (Chair)  
Desai & Miller  
Thomas R. Schlesinger, J.D.  
Paule, Camazine & Blumenthal, P.C.  
Michael W. Vernon, Ph.D., H.C.L.D.,  
E.L.D.  
West Virginia University



# 2017 Scientific Congress Daily Schedule

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**4:00 pm - 5:30 pm**

## Symposium

Facilitating Contact between Donors and Donor-conceived People

Lauri Pasch, Ph.D. (Chair)

*University of California, San Francisco*

Joanna Scheib, Ph.D.

*University of California, Davis*

Ken Daniels, ONZM, B.A., M.A. (Hons),

Dip. Soc. Sci, Dip. App. Soc. Sci.

*University of Canterbury*

CME

David K. Gardner, Ph.D. (Chair)

*University of Melbourne*

Andrew J. Watson, Ph.D.

*Western University*

Denny Sakkas, Ph.D.

*Boston IVF*

Brad J.T. Senstra, M.H.A.

*Seattle Reproductive Medicine*

Marianne M. Kreiner, M.S.

*Shady Grove Fertility*

Sara Mooney, B.A.

*Seattle Reproductive Medicine*

**4:00 pm - 5:30 pm**

## Symposium

Menopause Symposium: New Tools in the Armamentarium of Treatment Strategies for Diminished Ovarian Reserve, Early Menopause, and Premature Ovarian Insufficiency: Diagnostic Tests, Personalized Medicine, and Targeted Therapies

Amber Cooper, M.D., M.S.C.I. (Chair)  
*Centers for Reproductive Medicine and Wellness*

Robert F. Casper, M.D.

*University of Toronto*

Piraye Beim, Ph.D.

*Celmatix, Inc.*

CME

**4:00 pm - 5:30 pm**

## Symposium

Access to Care: Simplification of Assisted Reproductive Technologies

Kevin Doody, M.D., H.C.L.D. (Chair)

*Center for Assisted Reproduction*

Jan Gerris, M.D., Ph.D.

*Ghent University Hospital*

CME

**4:00 pm - 5:30 pm**

## Symposium

ABOG Foundation - Kenneth J. Ryan Ethics Symposium: Egg Freezing as an Emerging Frontier in Reproductive Medicine: Navigating the Clinical, Ethical, and Legal Challenges

*Supported by a 2013 endowment from the American Board of Obstetrics and Gynecology*

Elizabeth Ginsburg, M.D. (Chair)

*Brigham and Women's Hospital*

Louise P. King, M.D., J.D.

*Harvard Medical School/Beth Israel*

*Deaconess Medical Center*

June Carbone, J.D.

*University of Minnesota Law School*

CME

**4:00 pm - 5:30 pm**

## Symposium

Health, Supplements, and Adjuvant Therapies: Is There a Balance?

Jennifer M. Wood, R.N., B.S.N. (Chair)

*Shady Grove Fertility Center*

Angela Thyer, M.D.

*Seattle Reproductive Medicine*

LaTasha B. Craig, M.D.

*University of Oklahoma Health*

*Science Center*

CME

**4:00 pm - 5:30 pm**

## Symposium

Howard and Georgeanna Jones Symposium on Advanced Reproductive Technology:

Composition of Culture Media and Potential Effects on Offspring

*Endowed by a 2010 educational*

*grant from EMD Serono, Inc.*

CME

**4:00 pm - 5:30 pm**

## Symposium

Presented in Spanish

ALMER Symposium: Manejo del Factor Uterino Absoluto: Gestación por Substitución y Trasplante Uterino

Sergio Papier, M.D. (Chair)

*President, ALMER*

J. Ricardo Loret de Mola, M.D.

*Southern Illinois University School of Medicine*

Cesar Diaz Garcia, M.D., Ph.D.

*University of Valencia*

CME

**4:00 pm - 5:30 pm**

## Symposium

A Path to Increased Engagement for Physicians

CME

**4:00 - 5:30 pm**

## Symposium

JSAR Symposium: The Clinical Importance of Frozen Embryo Transfer Procedures in Japan versus Assisted Reproductive Reproductive Approaches in the United States

Tetsunori Mukaida, M.D. (Chair)

*Hiroshima HART Clinic*

Fumitoshi Koga, M.D.

*Koga Fertility Clinic*

James A. Grifo, M.D., Ph.D.

*NYU Langone Fertility Center*

CME

**4:00 pm - 5:30 pm**

## Video Session 2

## Wednesday, November 1, 2017

**7:00 am - 8:30 am**

## Poster Abstract Session and Continental Breakfast

**8:30 am - 9:15 am**

## Plenary

Women's Health Topics in the Media  
*Endowed by a 1992 grant from EMD Serono, Inc.*

Jennifer Ashton, M.D., M.S.,

*F.A.C.O.G.*

*Englewood Hospital; Chief Women's Health Correspondent, ABC News*

CME

**9:15 am - 9:45 am**

## ASRM Members' Meeting & Congress Prize Presentation

**9:45 am - 10:30 am**

## Plenary

SRS Lecture: Uterine Transplantation: Lessons Learned

CME

# 2017 Scientific Congress Daily Schedule

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Endowed by a 1990 grant from  
 Ethicon Endo-Surgery, Inc.  
 Tommaso Falcone, M.D., F.R.C.S.C.,  
 F.A.C.O.G.  
 Cleveland Clinic


**10:30 am - 11:00 am**  
**Break**


**11:00 am - 12:00 pm**  
**MHPG Clinical Session**  
 Utility of Projective Assessment in  
 the Psychological Evaluation of  
 Gestational Carriers  
 Mary P. Riddle, Ph.D.  
 Pennsylvania State University

**11:00 am - 12:30 pm** **CME**  
**Telesurgery**  
 Resection of Cesarean Scar by  
 Hysteroscopic and Laparoscopic  
 Approaches

**11:00 am - 12:30 pm**  
**Oral Abstract Sessions**

**12:30 pm - 1:30 pm**  
**Break/Lunch**

**12:30 pm - 1:30 pm**   
**Expert Encounter**  
 Mosaicism  
 Nathan Treff, Ph.D.  
 Reproductive Medicine Associates  
 of New Jersey

**12:30 pm - 1:30 pm**   
**Expert Encounter**  
 Women's Health in the Media -  
 Challenges and Opportunities  
 Jennifer Ashton, M.D., M.S.,  
 F.A.C.O.G.  
 Englewood Hospital; Chief Women's  
 Health Correspondent, ABC News

**12:30 pm - 1:30 pm**   
**Roundtables**

**1:30 pm - 2:30 pm** **CME**  
**Surgical Tutorial**  
 Surgical Treatment of Septate Uterus  
 Samantha M. Pfeifer, M.D. (Chair)  
 Weill Cornell Medical College

John Preston Parry, M.D., M.P.H.  
 University of Mississippi Medical Center  
 Jeffrey M. Goldberg, M.D.  
 Cleveland Clinic

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Case Presentations  
 Follow the Double Helix: How to  
 Intertwine Genetic Counseling and  
 Your Fertility Practice  
 Lauri D. Black, M.S., L.C.G.C. (Chair)  
 Pacific Reproductive Genetic  
 Counseling  
 Carolyn Givens, M.D.  
 Pacific Fertility Center

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Case Presentations  
 Unexplained Recurrent  
 Pregnancy Loss: Controversies in  
 Management  
 Sony Sierra, M.D., M.Sc., F.R.C.S.C.,  
 G.R.E.I. (Chair)  
 TRIO Fertility  
 Mary Stephenson, M.D., M.Sc.  
 University of Illinois and Chicago

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Panel Discussion  
 DNA Law: What Is It and Where Is  
 It Going in Assisted Reproductive  
 Technology?  
 Lisa A. Rinehart, J.D., R.N., B.S.N. (Chair)  
 Legal Care Consulting  
 Susan Crockin, J.D.  
 Crockin Law and Policy Group,  
 Georgetown University Law Center  
 Gary L. Harton, Ph.D.  
 Igenomix US

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Case Presentations  
 Emotional Needs of Women with  
 Polycystic Ovary Syndrome and  
 Impact on Weight Management  
 Shelley Lee, Ph.D. (Chair)  
 NYU Fertility Center  
 Kathleen M. Hoeger, M.D., M.P.H.  
 University of Rochester

Dian Shepperson Mills, M.A.  
 The Endometriosis and Fertility Clinic

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Case Presentations  
 Preserving Future Reproductive  
 Function in Males and Females:  
 Adolescence and Beyond  
 Karine Chung, M.D., M.S.C.E. (Chair)  
 USC Keck School of Medicine  
 Mary K. Samplaski, M.D.  
 USC Keck School of Medicine  
 Leslie A. Appiah, M.D.  
 University of Kentucky College of  
 Medicine

**1:30 pm - 2:30 pm** **CME**  
**Interactive Session**  
 Panel Discussion  
 Preimplantation Genetic Testing  
 Platforms: Everything You Have  
 Wanted to Know but Were Afraid  
 to Ask  
 Amy E.T. Sparks, Ph.D., H.C.L.D.  
 (Chair)  
 University of Iowa Hospitals and Clinics  
 Mandy Katz-Jaffe, Ph.D.  
 Colorado Center for Reproductive  
 Medicine

**2:30 pm - 3:15 pm** **CME**  
**Keynote**  
 SSR Exchange Keynote Lecture:  
 Defining the Mechanisms  
 Regulating Mammalian  
 Spermatogonial Development  
 Christopher Geyer, Ph.D.  
 Brody School of Medicine at East  
 Carolina University

**2:30 pm - 3:15 pm** **CME**  
**Keynote**  
 Contraception Keynote Lecture:  
 Rational Design of Contraception  
 Based on Molecular Genetics  
 Jurrien Dean, M.D.  
 National Institute of Diabetes and  
 Digestive and Kidney Diseases, NIH

**3:15 pm - 3:30 pm**  
**Break**

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**3:30 pm - 5:00 pm**

## **Symposium**

Just Relax and It Will Happen:  
A Debate on the Relationship  
between Stress and Infertility  
Angela K. Lawson, Ph.D. (Chair)  
*Northwestern University*  
Alice D. Domar, Ph.D.  
*Boston IVF*

**CME**

**3:30 pm - 5:00 pm**

## **Symposium**

Changing Culture, Changing Process:  
Corporate IVF and Patient Care  
Jeanette R. Tomasino, M.S., R.N.C.,  
M.N.N. (Chair)  
*Northwell Center for Human  
Reproduction*  
Gary L. Harton, Ph.D.  
*Igenomix US*  
Margaret Swain, J.D., R.N.  
*Private Practice, Baltimore*

**CME**

**3:30 pm - 5:00 pm**

## **Symposium**

Uterine Transplant: Technical and  
Ethical Issues  
Ruth Farrell, M.D., M.A., F.A.C.O.G.  
*Cleveland Clinic*  
Tommaso Falcone, M.D., F.R.C.S.C.,  
F.A.C.O.G.  
*Cleveland Clinic*  
Antonio R. Gargiulo, M.D.  
*Brigham and Women's Hospital*

**CME**

**3:30 pm - 5:00 pm**

## **Symposium**

FDA Symposium: Contraceptive  
Products and an Update on  
Assisted Reproductive Technology  
Devices

**CME**

**3:30 pm - 5:00 pm**

## **Symposium**

MEFS Symposium: Fertility  
Preservation: Contemporary  
Interests

**CME**

Botros Rizk, M.D., H.C.L.D.,  
F.A.C.O.G., F.A.C.S., M.A.,  
F.R.C.O.G., F.R.C.S. (Chair)  
*University of South Alabama*  
Sherman Silber, M.D.  
*Infertility Center of St. Louis*

**3:30 pm - 5:00 pm**

## **Symposium**

ISAR Symposium: Polycystic Ovary  
Syndrome and Fertility: Do We  
Have It Right?  
Duru Shah, M.D., F.C.P.S.,  
F.I.C.S., F.I.C.O.G., D.G.O., D.F.P.,  
F.I.C.M.C.H. (Chair)  
*Gynaecworld: The Center for  
Women's Health and Fertility*  
Ameet Patki, M.D.  
*Fertility Associates*  
Sadhna Desai, M.D., F.R.C.O.G.,  
F.I.C.S.  
*Fertility Clinic & IVF Centre, Mumbai*

**CME**

**3:30 pm - 5:00 pm**

## **Symposium**

Laboratory Management: Risk,  
Reporting, and Relations  
Colin Thomas, M.H.A. (Chair)  
*Columbia University Center for  
Women's Reproductive Care*  
Rebecca Halverson, B.S.  
*Seattle Reproductive Medicine*  
C. Brent Barrett, Ph.D., H.C.L.D.  
*Boston IVF*

**CME**

# SCHEDULE-AT-A-GLANCE

**MONDAY, OCTOBER 30, 2017**

|                     |   |   |
|---------------------|---|---|
| 7:00 am - 7:45 am   | Opening Ceremony Continental Breakfast                              |   |
| 7:45 am - 8:45 am   | Opening Ceremony  |   |
| 8:45 am - 9:30 am   | <b>CME</b> Plenary:   | President's Guest Lecture   |
| 9:30 am - 10:15 am  | <b>CME</b> Plenary:   | Herbert H. Thomas Lecture: Birth of In Vitro Fertilization in America   |
| 10:15 am - 11:00 am | Break / Exhibits / Expo Theater                                     |   |
| 11:00 am - 12:00 pm | MHPG Clinical Session:  | The Practitioner as Researcher  |
| 11:00 am - 12:30 pm | Scientific Congress Prize Paper Session 1<br>Oral Abstract Sessions |   |
| 12:30 pm - 1:30 pm  | Break / Lunch / Exhibits / Expo Theater                             |   |
|                     | Expert Encounter:   | Embryonic and Uterine Checkpoints Needed for a Successful Pregnancy   |
|                     | Expert Encounter:   | What Research Will Reproductive Endocrinologists Do in the Future?  |
|                     | Roundtables:  | RTM1 - RTM45  |
| 1:30 pm - 2:30 pm   | <b>CME</b> Interactive Sessions                                     | Uterine Lining Improvement: Optimizing Success Rates of Frozen Embryo Transfer and Fresh Cycles: Traditional Therapies and Complementary and Alternative Medicine |
|                     |   | Stump the Audience: Interesting and Unusual Cases in Pediatric and Adolescent Gynecology  |
|                     |   | Imaging of the Early Pregnancy and Its Pitfalls   |
|                     |   | Testicular versus Ejaculated Sperm Should Be Used for Intracytoplasmic Sperm Injection (ICSI) in Cases of Recurrent ICSI Failure Due to Sperm DNA Fragmentation   |
|                     |   | Contraception Interactive Session: Should We Use Hormonal Contraceptives in Obese Women?  |
|                     |   | Use of Mitochondrial DNA Assessment as an Adjunct to Preimplantation Genetic Screening  |
|                     |   | Translating Science into Practical Advice for Patients: Environment and Dietary Research  |
| 1:30 pm - 2:30 pm   | MHPG Clinical Session:  | What Does It Mean to Let People Know?: Issues of Disclosure in Donor-assisted Reproduction  |
| 2:30 pm - 3:15 pm   | <b>CME</b> Plenary:   | Finding your Niche: Stem Cell Plasticity in the Drosophila Testis   |
|                     | Lecture:  | David and Rosemary Adamson Lecture on Excellence in Reproductive Medicine: Comparative Aspects of Reproductive Technologies in Exotic Species and Human           |
| 3:15 pm - 4:00 pm   | Break / Exhibits / Expo Theater                                     |   |
| 4:00 pm - 5:30 pm   | <b>CME</b> Symposia   | Fresh versus Frozen Embryo Transfer in Women with Polycystic Ovary Syndrome: What Is the Evidence and What Are the Mechanisms?                                    |
|                     |   | Transgender Fertility Treatment and Preservation in Gender Dysphoric Adolescents and Young Adults: Medical, Legal, and Psychological Concerns and Considerations  |
|                     |   | Effect of Environment, Diet, and Lifestyle on Male and Female Fertility   |
|                     |   | KY Cha Symposium in Stem Cell Technology and Reproductive Medicine: Changing and Exchanging Genomes   |
|                     |   | Intracytoplasmic Sperm Injection (ICSI): Past, Present, and Future  |
|                     |   | ESHRE Symposium: Genomic Editing in the Germ Line: Progress in Science Sparks the Ethical Debate  |
|                     |   | AMMR Symposium: Cirugía o Reproducción Asistida en México: Sigue la Controversia  |
|                     |   | CSRSM Symposium: Hot Topics in Reproductive Medicine  |
|                     |   | ASPIRE Symposium: Advances in Understanding Oocyte Function and Structure   |
|                     |   | Health Insurance Portability and Accountability Act (HIPAA): New Requirements and Audits  |
| 4:00 pm - 5:30 pm   | Video Session 1<br>Video Sessions                                   |   |

# SCHEDULE-AT-A-GLANCE

**TUESDAY, OCTOBER 31, 2017**

|  |   |
|--|---|
| 6:00 am  | 8th Annual ASRM 5K Run & Walk   |
| 7:00 am – 8:45 am                                    | Women's Council Breakfast   |
| 7:00 am - 8:45 am                                    | Poster Abstract Session and Continental Breakfast   |
| 8:45 am - 9:30 am <b>CME</b>                         | Plenary: Why Smart People Believe Weird Things Too  |
| 9:30 am - 10:15 am <b>CME</b>                        | Plenary: Camran Nezhat, M.D. Lectureship in Innovations in Medicine Lecture: Cell and Gene Therapies in Reproductive Medicine   |
| 10:15 am - 11:00 am                                  | Break / Exhibits / Expo Theater   |
| 11:00 am - 12:30 pm                                  | Scientific Congress Prize Paper Session 2<br>Oral Abstract Sessions   |
| 12:30 pm - 1:30 pm                                   | Break / Lunch / Exhibits / Expo Theater   |
|  | Expert Encounter: Difficult Management Cases in Male Infertility: From the Laboratory to the Bedside  |
|  | Expert Encounter: Challenge the Skeptic   |
|  | Lunch Symposium: More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society  |
|  | Roundtables: RTT1 - RTT45   |
| 1:30 pm - 2:30 pm <b>CME</b><br>Interactive Sessions | Updates on Managing "Gray" and Abnormal Results with Preimplantation Genetic Testing  |
|  | Endometrial Gene Analysis: What Do We Learn and How to Apply in Clinical Practice   |
|  | Anovulation in Polycystic Ovary Syndrome: A Complementary and Alternative Medicine Approach - Acupuncture, Herbs, and Nutritional Supplements   |
|  | Does Endometriosis Impact In Vitro Fertilization Outcomes?  |
|  | Debate on the Increasing Utilization of Micromanipulation: Intracytoplasmic Sperm Injection and Assisted Hatching   |
|  | Menopause Interactive Session: Is Antimüllerian Hormone a Valuable Diagnostic Tool for Reproductive Function and Menopause?   |
| Showcase   | Ryan Fellows Showcase: Emerging Research in Contraception   |
| 1:30 pm - 2:30 pm                                    | MHPG Clinical Session: Ethical Aspects of Embryo Donation   |
| 2:30 pm - 3:15 pm <b>CME</b>                         | Plenary: From Egg to Embryo: A Peripatetic Journey  |
|  | Keynote: Menopause Keynote Lecture: Current Concepts in the Care of Postmenopausal Women  |
| 3:15 pm - 4:00 pm                                    | Break / Exhibits / Expo Theater   |
| 4:00 pm - 5:30 pm <b>CME</b><br>Symposia             | Leiomyoma? Leiomyosarcoma? How Can I Tell?  |
|  | The "Trials" of an ART Case: Anatomy of a Lawsuit   |
|  | Facilitating Contact between Donors and Donor-conceived People  |
|  | Menopause Symposium: New Tools in the Armamentarium of Treatment Strategies for Diminished Ovarian Reserve, Early Menopause, and Premature Ovarian Insufficiency: Diagnostic Tests, Personalized Medicine, and Targeted Therapies |
|  | Health, Supplements, and Adjuvant Therapies: Is There a Balance?  |
|  | Howard and Georgeanna Jones Symposium on Advanced Reproductive Technology: Composition of Culture Media and Potential Effects on Offspring  |
|  | Access to Care: Simplification of Assisted Reproductive Technologies  |
|  | ABOG Foundation - Kenneth J. Ryan Ethics Symposium: Egg Freezing as an Emerging Frontier in Reproductive Medicine: Navigating the Clinical, Ethical, and Legal Challenges.  |
|  | ALMER Symposium: Manejo del Factor Uterino Absoluto: Gestación por Substitución y Trasplante Uterino  |
|  | A Path to Increased Engagement for Physicians   |
| 4:00 pm - 5:30 pm<br>Video Sessions                  | Video Session 2   |



# SCHEDULE-AT-A-GLANCE

## WEDNESDAY, NOVEMBER 1, 2017

|                      |  |
|----------------------|--|
| 7:00 am - 8:30 am    | Poster Abstract Session and Continental Breakfast  |
| 8:30 am - 9:15 am    | <b>CME</b> Plenary: Women's Health Topics in the Media   |
| 9:15 am - 9:45 am    | ASRM Members' Meeting and Congress Prize Presentation  |
| 9:45 am - 10:30 am   | <b>CME</b> Plenary: SRS Lecture: Uterine Transplantation: Lessons Learned  |
| 10:30 am - 11:00 am  | Break / Exhibits / Expo Theater  |
| 11:00 am - 12:00 pm  | <b>CME</b> MHPG Clinical Session: Utility of Projective Assessment in the Psychological Evaluation of Gestational Carriers |
| 11:00 am - 12:30 pm  | <b>CME</b> Telesurgery: Resection of Cesarean Scar by Hysteroscopic and Laparoscopic Approaches                            |
| 11:00 am - 12:30 pm  | Oral Abstract Sessions   |
| 12:30 pm - 1:30 pm   | Break / Lunch / Exhibits / Expo Theater  |
|                      | Expert Encounter: Mosaicism  |
|                      | Expert Encounter: Women's Health in the Media - Challenges and Opportunities   |
|                      | Roundtables: RTW1 - RTW35  |
| 1:30 pm - 2:30 pm    | <b>CME</b> Surgical Tutorial: Surgical Treatment of Septate Uterus   |
| 1:30 pm - 2:30 pm    | <b>CME</b> Follow the Double Helix: How to Intertwine Genetic Counseling and Your Fertility Practice                       |
| Interactive Sessions | Unexplained Recurrent Pregnancy Loss: Controversies in Management  |
|                      | DNA Law: What Is It and Where Is It Going in Assisted Reproductive Technology?   |
|                      | Emotional Needs of Women with Polycystic Ovary Syndrome and Impact on Weight Management                                    |
|                      | Preserving Future Reproductive Function in Males and Females: Adolescence and Beyond                                       |
|                      | Preimplantation Genetic Testing Platforms: Everything You Have Wanted to Know but Were Afraid to Ask                       |
| 2:30 pm - 3:15 pm    | <b>CME</b> Keynote: SSR Exchange Keynote Lecture   |
|                      | Keynote: Contraception Keynote Lecture: Rational Design of Contraception Based on Molecular Genetics                       |
| 3:15 pm - 3:30 pm    | Break  |
| 3:30 pm - 5:00 pm    | <b>CME</b> Just Relax and It Will Happen: A Debate on the Relationship Between Stress and Infertility                      |
| Symposia             | Changing Culture, Changing Process: Corporate IVF and Patient Care   |
|                      | Uterine Transplant: Technical and Ethical Issues   |
|                      | FDA Symposium: Contraceptive Products and an Update on Assisted Reproductive Technology Devices                            |
|                      | MEFS Symposium: Fertility Preservation: Contemporary Interests   |
|                      | ISAR Symposium: Polycystic Ovary Syndrome and Fertility: Do We Have It Right?  |
|                      | Laboratory Management: Risk, Reporting, and Relations  |

# Roundtables

**Monday, October 30, 2017**

## Androgen Excess

**RTM01**

### Patient-centered Care for Polycystic Ovary Syndrome

Emily Jungheim, M.D.  
Washington University

## Assisted Reproductive Technology

**RTM02**

### Diminished Ovarian Reserve and Assisted Reproductive Technology

Orhan Bukulmez, M.D.  
University of Texas Southwestern Medical Center

**RTM03**

### Strategies to Minimize the Monitoring Burden of Assisted Reproductive Technology

Kathleen Doody, M.D.  
Center for Assisted Reproduction

**RTM04**

### Maximizing Reproductive Potential

Eric Surrey, M.D.  
Colorado Center for Reproductive Medicine

## Chinese Reproductive Medicine

**RTM05**

### In Vitro Fertilization Patients with Premature Ovarian Failure

Zi-Jiang Chen, M.D., Ph.D.  
Shandong University

## Complementary & Integrative Medicine

**RTM06**

### Incorporating Integrative Medicine into Your Reproductive Practice

Peter G. Harvey, L.Ac., M.S.O.M., F.A.B.O.R.M.  
Eastern Healing

## Contraception

**RTM07**

### Tackling Difficult Intrauterine Device Removals

Ghazaleh Moayed, D.O.  
University of Hawaii

## Early Pregnancy

**RTM08**

### Progesterone Support in Early Pregnancy

Vicki Schnell, M.D.  
Center of Reproductive Medicine

## Education Modalities

**RTM09**

### Winning the Teaching Game: How to Give Interactive and Engaging Lectures

Ranjith Ramasamy, M.D.  
University of Miami

## Endometriosis

**RTM10**

### Managing Chronic Pelvic Pain in Women Trying to Conceive

Rebecca Flyckt, M.D.  
Cleveland Clinic

## Environment and Reproduction

**RTM11**

### Interactions between Environmental Chemicals and Diet in Human Fertility

Jorge E. Chavarro, M.D., D.Sc.  
Harvard T.H. Chan School of Public Health

## Fertility Preservation

**RTM12**

### Update on Culturing Human Spermatogonial Stem Cells for Oncofertility

James Hotaling, M.D.  
University of Utah

**RTM13**

### Fertility Preservation in Men

Puneet Masson, M.D.  
University of Pennsylvania

## Fibroids

**RTM14**

### New Medical Treatments for Uterine Fibroids

William H. Catherino, M.D., Ph.D.  
Uniformed Services University of the Health Science

## Genetic Counseling

**RTM15**

### How to Handle "New Genetic Information" Regarding Gamete Donors

Amy Vance, M.S., L.C.G.C.  
Bay Area Genetic Counseling

## Health Disparities

**RTM16**

### Selective Progesterone Receptor Modulators for Fertility Preservation in Patients with Uterine Fibroids

Ayman Al-Hendy, M.D., Ph.D.  
Augusta University

## Imaging

**RTM17**

### Ultrasound Screening and Baseline Assessment in Infertility

Amanda Skillern, M.D.  
RMA of Texas, University of Texas Dell Medical School

## LGBTQ

**RTM18**

### Exploring the Psychosocial and Legal Aspects of LGBTQ Family Building: A Primer for the Medical, Legal, and Mental Health Practitioner

Kim Bergman, Ph.D.  
Growing Generations

## Legal

**RTM19**

### Embryo Disputes: Legal Uses of Consents and Contracts

Melissa Brisman, J.D.  
Melissa B. Brisman, Esq., LLC., Reproductive Possibilities, LLC.

# Roundtables

## RTM20

### Legal Updates on Third-party Reproduction

Heather Ross, J.D.  
Ross & Zuckerman, LLP

## Male Reproduction and Urology

### RTM21

#### Intracytoplasmic Sperm Injection (ICSI) Outcomes and Sperm Source

Joseph P. Alukal, M.D.  
New York University School of Medicine

### RTM22

#### Effect of Environment, Diet, and Lifestyle on Sperm Parameters

Michael L. Eisenberg, M.D.  
Stanford University

### RTM23

#### Paternal Age: Are There Limits for Assisted Reproductive Technology?

Thomas J. Walsh, M.D.  
University of Washington

## Menopause & Ovarian Insufficiency

### RTM24

#### Approach to the Patient with Premature Ovarian Insufficiency Who Wants to Conceive with Her Own Eggs

Mindy S. Christianson, M.D.  
Johns Hopkins University School of Medicine

## Mental Health

### RTM25

#### Infertility to Adoption

Carolyn N. Berger, L.C.S.W.  
Private Practice, Westchester & NYC

### RTM26

#### Intended Parents and Third-party Arrangements from China: What Donors, Surrogates, and Intended Parents Need to Know

Elaine R. Gordon, Ph.D.  
Santa Monica/UCLA Hospital

## Nurses

### RTM27

#### How to Hold onto Your Newbies: Improving Nurse Retention

Danielle L. Burke, B.S.N., R.N.  
RMA of New Jersey

### RTM28

#### The Utilization of Advanced Practice Providers in a Reproductive Medicine Practice

Shana M. Perman, P.A.-C.  
Shady Grove Fertility

## Nutrition

### RTM29

#### Translating Nutrition Research into Clinical Advice

Christina E. Boots, M.D.  
Northwestern University

## Preimplantation Genetic Diagnosis

### RTM30

#### Workup When Euploid Blastocysts Fail to Implant

Eric J. Forman, M.D.  
RMA of New Jersey

### RTM31

#### Toward Comprehensive Preimplantation Genetic Diagnosis

Svetlana Rechitsky, Ph.D.  
Reproductive Genetic Innovations

## Regenerative Medicine and Stem Cell Biology

### RTM32

#### Stem Cell Therapy for Urinary Incontinence

Margot Damaser, Ph.D.  
Cleveland Clinic

## Reproductive Biology and Technology

### RTM33

#### Noninvasive Embryo Selection

Charles Bormann, Ph.D.  
Massachusetts General Hospital

### RTM34

#### Quality Control/Quality Assurance in the Era of Freeze-all Cycles

Alison Coates, B.Sc.  
Oregon Reproductive Medicine

### RTM35

#### Streamlining Workflow in the In Vitro Fertilization Lab

Dawn A. Kelk, Ph.D., H.C.L.D.  
Yale University

## Reproductive Endocrinology and Infertility

### RTM36

#### What Tests to Include in Expanded Carrier Screening

William J. Butler, M.D.  
Mercer University School of Medicine, Navicent Health

### RTM37

#### Miscarriage Chromosome Testing: Pearls for Practice

Mary D. Stephenson, M.D., M.Sc.  
University of Illinois at Chicago

## Reproductive Immunology

### RTM38

#### How to Manage Repeated Implantation Failure

Joanne Kwak-Kim, M.D., M.P.H.  
Rosalind Franklin University of Medicine and Science

## Reproductive Managers

### RTM39

#### Simplified IT Solutions Every Fertility Center Can't Live Without

Bob Huff  
RMA of Texas

### RTM40

#### Patient Engagement and Managing Patient Concerns

Colin Thomas, M.H.A.  
Columbia University Center for Women's Reproductive Care

# Roundtables

## Reproductive Surgery

RTM41

### Adenomyosis: Surgical Correction

Keith Isaacson, M.D.

Harvard Medical School

RTM42

### Vasectomy Reversal: Tips and Tricks

Sheldon Marks, M.D.

International Center for Vasectomy Reversal

RTM43

### Management of Severe Symptomatic Endometriosis

Ceana Nezhat, M.D.

Nezhat Medical Center

## Spanish Reproductive Medicine

RTM44

### Screening Genético en Todos los Casos?

Marcelo J. Barrionuevo, M.D.

IVF Florida Reproductive Associates

## Turkish Reproductive Medicine

RTM45

### Ovarian Aging and Fertility Preservation in Women with BRCA Mutations and Breast Cancer

Kutluk Oktay, M.D., Ph.D.

New York Medical College

Tuesday, October 31, 2017

## Access to Care

RTT01

### Disparities in Access to Fertility Services

Paula Amato, M.D.

Oregon Health & Science University

## Androgen Excess

RTT02

### Dietary Interventions in Women with Polycystic Ovary Syndrome

Marla E. Lujan, Ph.D.

Cornell University

## Assisted Reproductive Technology

RTT03

### Laboratory Quality Assurance: Using Society for Assisted Reproductive Technology (SART) Outcomes to Troubleshoot Your Own Outcomes

Marybeth Gerity, Ph.D., M.B.A.

Reproductive Biology Resources, Inc.

RTT04

### Is There a Role for Assisted Reproductive Technology in Treating Recurrent Pregnancy Loss?

William H. Kutteh, M.D., H.C.L.D.

Vanderbilt University Medical Center

RTT05

### Fertility Preservation

Amber Cooper, M.D., M.S.C.I.

Centers for Reproductive Medicine and Wellness

## Chinese Reproductive Medicine

RTT06

### Oocyte Cryopreservation

Huai L. Feng, Ph.D., H.C.L.D.

New York-Presbyterian Health System Affiliate Weill Cornell Medical College

## Complementary & Integrative Medicine

RTT07

### Pre-pregnancy Preparation

Lee Hullender Rubin, D.A.O.M., L.Ac., F.A.B.O.R.M.

Portland Acupuncture Studio

## Contraception

RTT08

### Manual Vacuum Aspiration in an Outpatient Setting

Steven Gay, M.D.

Emory University

## Early Pregnancy

RTT09

### Cytokine Levels in Predicting Early In Vitro Fertilization Pregnancy Outcome

Steven D. Spandorfer, M.D.

Cornell University

## Endometriosis

RTT10

### Endometriosis, Antimüllerian Hormone, and Assisted Reproductive Technology

Linnea Goodman, M.D.

RMA New Jersey

## Environment and Reproduction

RTT11

### The Developmental Origins of Health and Disease (DOHaD) Perspective and In Vitro Fertilization

Paolo Rinaudo, M.D., Ph.D.

University of California, San Francisco

## Fertility Preservation

RTT12

### Fertility Preservation in Children: Oncology and Beyond

Leslie A. Appiah, M.D.

University of Kentucky College of Medicine

# Roundtables

## Fibroids

**RTT13**

### **Obstetric Complications of Uterine Fibroids**

Bradley S. Hurst, M.D.  
Carolinas HealthCare System

## Genetic Counseling

**RTT14**

### **What Can Preimplantation Genetic Screening Really Tell Us about Embryo Mosaicism?**

Emily Mounts, M.S., C.G.C.  
Oregon Reproductive Medicine

## Health Disparities

**RTT15**

### **Ethnic Disparities and Assisted Reproductive Technology Outcome**

Fady Sharara, M.D.  
Virginia Center for Reproductive Medicine

## Imaging

**RTT16**

### **Ultrasound Evaluation of Uterine Septum: When Are Patients Surgical Candidates?**

Laura Detti, M.D.  
University of Tennessee at Memphis

## Indian Reproductive Medicine

**RTT17**

### **Premature Progesterone Rise: Its Significance**

Manish Banker, M.D.  
Nova IVI Fertility

## LGBTQ

**RTT18**

### **How to Be an LGBTQ-friendly Fertility Medical Practice**

Samuel C. Pang, M.D.  
IVF New England

## Legal

**RTT19**

### **Compassionate Transfer of Embryos: Patient Requests and Provider Duties**

Judith Daar, J.D.  
Whittier Law School

**RTT20**

### **Legal Issues Specific to Fertility Preservation**

Nidhi Desai, J.D.  
Desai & Miller

## Male Reproduction and Urology

**RTT21**

### **Management of the Cryptozoospermic/Azoospermic Patient**

Martin N. Kathrins, M.D.  
Brigham & Women's Hospital

**RTT22**

### **When to Consider Donor Sperm in the Setting of Severe Male Factor**

James F. Smith, M.D.  
University of California, San Francisco

**RTT23**

### **Oncofertility (Including Prepubertal Banking Options and Use of Sperm Post Cancer Treatment)**

Daniel H. Williams, M.D.  
University of Wisconsin

## Menopause and Ovarian Insufficiency

**RTT24**

### **Fragile X Premutation: Premature Ovarian Insufficiency and Beyond**

Satu Kuokkanen, M.D., Ph.D.

Albert Einstein College of Medicine

## Mental Health

**RTT25**

### **Is Telemental Health an Appropriate Tool to Work with When It Comes to Helping Create Families?**

Irene Celcer, M.A., L.C.S.W.  
Private Practice, Atlanta

**RTT26**

### **Getting Off the Fertility Roller Coaster: How to Help Patients Make the Decision to End Treatment**

Ariadna Cymet-Lanski, Psy.D.  
Fertility Centers of Illinois

## Nurses

**RTT27**

### **(Donor) Age Is Only a Number: A Comparison of Oocyte Donors**

Meghan K. Pierce, B.S.N., R.N.  
RMA of New Jersey

**RTT28**

### **Incorporating Integrative Medicine into Your Reproductive Endocrinology Practice**

Carmelo Sgarlata, M.D.  
Oregon Reproductive Medicine

## Pediatric and Adolescent Gynecology

**RTT29**

### **Polycystic Ovary Syndrome in Adolescents**

Xiomara M. Santos, M.D.  
Orlando Health

## Physician-Scientists

**RTT30**

### **Being a Reproductive Endocrinology and Infertility Academician Today: Opportunities and Challenges**

Zaher O. Merhi, M.D.  
NYU School of Medicine



# Roundtables

## Preimplantation Genetic Diagnosis

RTT31

### New Developments in Preimplantation 24-Chromosome Aneuploidy Testing

Dagan Wells, Ph.D.  
Oxford University

## Regenerative Medicine and Stem Cell Biology

RTT32

### Stem Cell Therapy in Asherman Syndrome

Carlos Simón, M.D., Ph.D.  
University of Valencia, INCLIVA;  
Igenomix

## Reproductive Biology and Technology

RTT33

### On Which Patients Is Preimplantation Genetic Screening Best Used?

G. David Ball, Ph.D., H.C.L.D.  
Seattle Reproductive Medicine

RTT34

### Embryo Culture Medium

Rebecca Krisher, Ph.D.  
Colorado Center for Reproductive Medicine

RTT35

### Frozen-thawed Eggs: How Do They Compare to Fresh Donor and Non-donor Egg Cycles?

Michael Lee, M.S.  
Fertility Solutions

## Reproductive Endocrinology and Infertility

RTT36

### Preimplantation Genetic Screening: Methods and Indications

David P. Cohen, M.D.  
Institute for Human Reproduction

RTT37

### When to Use Clomiphene and When to Use Letrozole

Richard S. Legro, M.D.  
Pennsylvania State University

RTT38

### Society for Reproductive Endocrinology and Infertility (SREI) Forum

Craig R. Sweet, M.D.  
Embryo Donation International,  
P.C.

## Reproductive Managers

RTT39

### Compensation Structures for Partner, Employer, and Contracted Physicians

Matt Richardson, M.B.A.  
Reproductive Partners Medical  
Group

RTT40

### Top Five Risk Management Issues in a Fertility Practice

Lisa A. Rinehart, J.D., R.N.  
LegalCare Consulting, Inc.

## Reproductive Surgery

RTT41

### Klinefelter Syndrome

Kelly Chiles, M.D.  
George Washington University

RTT42

### Hysteroscopic Treatment of Asherman Syndrome: Surgical Pearls

Steven R. Lindheim, M.D.  
Wright State University

RTT43

### Endometriosis: When to Operate

Salli Tazuke, M.D.  
CCRM San Francisco

## Spanish Reproductive Medicine

RTT44

### Selección Espermática: Necesidad o Moda?

Pedro Cuapio-Padilla, M.S.  
Hisparep (Mexico) Clinic of Assisted  
Reproduction, Spanish Hospital

## Turkish Reproductive Medicine

RTT45

### Management of Refractory Endometriosis

Serdar Bulun, M.D.  
Northwestern University

Wednesday, November 1, 2017

## Access to Care

RTW01

### Access to Care for Male Fertility Patients

Ajay Nangia, M.B.B.S.  
University of Kansas Medical Center

## Androgen Excess

RTW02

### Adjunctive Therapies for Polycystic Ovary Syndrome

Rebecca S. Usadi, M.D.  
Carolinas Healthcare System

## Assisted Reproductive Technology

RTW03

### In Vitro Fertilization Strategies for Patients with Polycystic Ovary Syndrome

Angeline N. Beltsos, M.D.  
Vios Fertility Institute

RTW04

### Home Ultrasound Monitoring for Assisted Reproductive Technology

Jan Gerris, M.D., Ph.D.  
Ghent University Hospital

RTW05

### Implementation of Intravaginal Embryo Culture Systems

Martin T. Langley, B.S.  
Center for Assisted Reproduction

# Roundtables

## Early Pregnancy

**RTW06**

### **Pathologic Evaluation of Early and Recurrent Pregnancy Loss**

Harvey J. Kliman, M.D., Ph.D.

*Yale University School of Medicine*

## Fertility Preservation

**RTW07**

### **Fertility: Preservation: Maximizing Outreach and Patient Resources for Your Program**

Janet M. Bouknight, M.D., M.S.C.E.

*University of Alabama at*

*Birmingham*

## Genetic Counseling

**RTW08**

### **Implementing an Expanded Carrier Screening Program in Fertility Clinics**

Andria Besser, M.Sc.

*NYU Langone Fertility Center*

## Legal

**RTW09**

### **Access to Care: Military Benefits and Financing Strategies**

Margaret E. Swain, J.D., R.N.

*Law Office of Margaret E. Swain*

**RTW10**

### **Writing Policies Regarding Disposing of Abandoned Embryos**

Richard B. Vaughn, J.D.

*International Fertility Law Group Inc.*

## Male Reproduction and Urology

**RTW11**

### **Testosterone Replacement/Male Rejuvenation and Impacts on Fertility**

Kathleen Hwang, M.D.

*The Alpert Medical School of Brown University*

**RTW12**

### **Methods of Surgical Sperm Extraction and Implications for Success**

Mary K. Samplaski, M.D.

*University of Southern California*

**RTW13**

### **Medical Management of Male Infertility**

Landon W. Trost, M.D.

*Mayo Clinic*

## Mental Health

**RTW14**

### **A Rabbi, a Priest, and a Therapist Walk Into a Fertility Clinic: Integrating Spirituality in the Emotional Support of Fertility Patients**

Silvia Schneider Fox, Psy.D.

*Fertility Resilience*

**RTW15**

### **Using the TIP TOP Program to Help Children Conceived through Ovum and Sperm Donation Manage the Disclosure of Their Genetic Information**

Lisa Schuman, L.C.S.W.

*RMA of Connecticut*

## Nurses

**RTW16**

### **When Your Egg Donor Returns to Your Clinic as an Infertility Patient**

Karen Hammond, D.N.P., N.P.

*Alabama Fertility Specialists*

**RTW17**

### **Initiating Research and Quality Improvement Projects to Improve Patient Care**

Eleanor Lowndes Stevenson,

Ph.D., R.N.

*Duke University School of Nursing*

## Nutrition

**RTW18**

### **Nutrition and...the Endometrium**

Patricia Jimenez, M.D.

*University of Texas Southwestern Medical School*

## Preimplantation Genetic Diagnosis

**RTW19**

### **Preimplantation Genetic Testing Workflow and Communication among the In Vitro Fertilization Lab, Preimplantation Genetic Testing Lab, and Clinicians**

T. Arthur Chang, Ph.D., H.C.L.D.

*University of Texas Health Science Center*

**RTW20**

### **Mosaicism in Preimplantation 24-chromosome Aneuploidy Testing**

Carmen Rubio, Ph.D.

*Igenomix*

## Regenerative Medicine and Stem Cell Biology

**RTW21**

### **Using Stem Cell Models to Examine Environmental Exposure Impacts on Fertility and Developmental Origins of Human Disease**

Charles A. Easley, Ph.D.

*University of Georgia*

## Reproductive Biology and Technology

**RTW22**

### **Clinical Utility of Sperm DNA Fragmentation Testing**

Ashok Agarwal, Ph.D., H.C.L.D.

*Cleveland Clinic Foundation*

**RTW23**

### **Patient Safety in the In Vitro Fertilization Lab**

Anthony Anderson, D.Sc.

*RMA Texas*

**RTW24**

### **Oocyte Vitrification: Techniques and Quality Control/Quality Assurance**

Wayne Caswell, B.S.

*Donor Egg Bank*

# Roundtables

## Reproductive Endocrinology and Infertility

### RTW25

#### When to Operate on Fibroids for Fertility

Bala Bhagavath, M.B.B.S.  
Strong Fertility Center, University of Rochester Medical Center

### RTW26

#### Emergency Ovulation Induction for Fertility Preservation

Larisa Gavrilova-Jordan, M.D.  
Augusta University

### RTW27

#### Clinical Significance of Diminished Ovarian Reserve

David B. Seifer, M.D.  
The Geisel School of Medicine at Dartmouth

## Reproductive Managers

### RTW28

#### How Digital Media and Mobile Are Changing the Way Patients Interact with Your Practice

Griffin Jones, B.A.  
Fertility Bridge

### RTW29

#### Staff Engagement

Hayley Rothblum  
Arizona Associates for Reproductive Health

## Reproductive Surgery

### RTW30

#### How to Get a Large Fibroid Out of a Small Incision

Stephanie J. Estes, M.D., F.A.C.O.G.  
Penn State Health

### RTW31

#### Laparoscopic Myomectomy for the Reproductive Surgeon: When and How

Anthony Imudia, M.D.  
University of South Florida

### RTW32

#### Indications for Varicocele Repair

Cigdem Tanrikut, M.D., F.A.C.S.  
Massachusetts General Hospital

## Spanish Reproductive Medicine

### RTW33

#### La Donación de Gametos en Mexico: Cuándo y a Quién. (Gamete donation in México: When and to Whom)

Silvio Cuneo-Pareto, M.D.  
CONCIBE Reproducción Asistida, Mexico City

## Turkish Reproductive Medicine

### RTW34

#### Mitochondria and Reproduction: Possibilities for Testing and Treatment

Emre Seli, M.D.  
Yale University



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\* \* \*

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