

ASA 41st Annual Conference
"Old Dogmas, New Ideas: The Changing Landscape in Andrology"
April 2 - 5, 2016
Astor Crowne Plaza | New Orleans LA

Program Co-Chairs: Robert Viger, PhD, and Arthur Burnett, MD

*All sessions will be located in the Grand Ballroom C/D unless otherwise noted
Speaker and times are subject to change*

FRIDAY, APRIL 01, 2016

2:00 p.m. - 6:00 p.m. **Registration Open**
Location: Second Floor Foyer

SATURDAY, APRIL 02, 2016

7:00 a.m. - 7:00 p.m. **Registration Open**
Location: Second Floor Foyer

4:00 p.m. - 9:30 p.m. **Exhibit Hall Open**
Location: Astor Ballroom

9:00 a.m. - 5:00 p.m. **ASA Andrology Lab Workshop:**
"Restoring Strict Morphology Relevance: a Consensus Workshop"
Location: Astor Ballroom I
**not CME accredited*

9:00 a.m. - 4:00 p.m. **ASA Basic Science Workshop: "ANDRomics: Genomics,**
Epigenomics, and Proteomics of Male Fertility"
Location: Grand Ballroom A/B
**not CME accredited*

1:00 p.m. - 5:15 p.m. **ASA Special Symposium: What's New in Men's Health"**
Location: Grand Ballroom C/D
Co-Chairpersons: Mohit Khera & Tobias Kohler

6:00 p.m. - 6:10 p.m. **Welcome and Opening Remarks**

6:10 p.m. - 6:30 p.m. **Updates from NICHD & NIEHS**
Speakers: Stuart B. Moss, PhD
 National Institutes of Child Health and Human Development
 Thaddeus T. Schug, PhD
 National Institute of Environmental Health Sciences

6:30 p.m. - 7:50 p.m. **Distinguished Andrologist Award**

6:50 p.m. - 7:50 p.m. **Emil Steinberger Memorial Lecture: CatSpers: Sperm Specific Calcium**
Channels Required for Male Fertility
Speaker: David Clapham
 Howard Hughes Medical Institute

7:50 p.m. - 9:30 p.m. **Welcome Reception**

SUNDAY, APRIL 03, 2016

- 6:30 a.m. - 8:00 a.m. **Past Presidents Breakfast**
Location: TBD
- 7:00 a.m. - 6:00 p.m. **Registration Open**
Location: Second Floor Foyer
- 7:00 a.m. - 6:00 p.m. **Exhibit Hall Open**
Location: Astor Ballroom
- 7:00 a.m. - 8:00 a.m. **Continental Breakfast in Exhibit Hall**
Location: Astor Ballroom
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8:00 a.m. - 9:00 a.m. **AUA LECTURE: The Changing Paradigm of Prostate Cancer Treatment: Genomics and Beyond**

Speaker: Kenneth J. Pienta, MD
The Johns Hopkins Hospital

9:00 a.m. - 9:15 a.m. **Distinguished Service Award**

9:15 a.m. - 10:45 a.m. **Symposium I- Somatic Cells of the Testis**
(Chair: Lee Smith, UK)

Putting the Brakes on Steroidogenesis: Novel Insights into the Fine Regulation of Steroid Hormone Production

Speaker: Jacques J. Tremblay, PhD
Laval University, CHUQ (CHUL) Research Centre
Canada

Macrophages: Diverse Players in Testis Biology

Speaker: Tony De Falco, PhD

Revisiting the Concept of Terminal Differentiation in Adult Sertoli Cells

Speaker: Peter Stanton, BSc (Hons), PhD
Hudson Institute of Medical Research
Australia

10:45 a.m. - 11:00 a.m. **Break**

11:00 a.m. - 12:30 p.m. **Poster Session I**
Location: Astor Ballroom & Astor Gallery

12:30 p.m. - 2:00 p.m. **Lunch On Own**

12:30 p.m. - 2:00 p.m. **MENTORING LUNCHEON SPONSORED BY THE DIVERSITY AND TRAINEE AFFAIRS COMMITTEES**

Location: Toulouse (2nd Floor Mezzanine)

Speaker: George L. Gerton, PhD
Center For Research On Reproduction & Women's Health

12:30 p.m. - 2:00 p.m. **Editorial Board Luncheon**
Location: Toulouse (2nd Floor Mezzanine)

2:00 p.m. - 3:30 p.m.

CONCURRENT SESSIONS

Oral Session I

(Moderator: Robert Viger, Laval University)

Oral Session II

(Moderator: Arthur Burnett, Johns Hopkins)

3:30 p.m. - 3:45 p.m.

Break

3:45 p.m. - 4:30 p.m.

LECTURE I: Steroid-Binding Proteins- Gatekeepers Of Androgen Action

Speaker: Geoffrey L. Hammond, PhD
The University of British Columbia
Canada

4:30 p.m. - 6:30 p.m.

TRAINEE SYMPOSIUM: "Eyes Wide Open: Understanding the Ins and Outs of Publishing"

Location: Located in Grand Ballroom C/D

Luke Simon (Program co-chair), Mahmoud Aarabi (Program co-chair), Mara Roth, Sophie La Salle, Peter Liu and George Gerton

**not CME accredited*

4:30 p.m. - 4:35 p.m.

Opening Remarks

Speakers: Mahmoud Aarabi, MD, PhD
McGill University
Canada
Luke Simon, PhD
University of Utah

4:35 p.m. - 5:20 p.m.

Session 1- Writing a High-Impact Manuscript

Moderator: Mahmoud Aarabi, MD, PhD

Speakers: Ewa Rajpert-De Meyts, MD, PhD, DMSc
Copenhagen Univ Hosp, Dept of Growth & Reproduction
Denmark
Armand Zini, MD
St. Mary's Hospital
Canada

5:20 p.m. - 5:35 p.m.

Coffee Break

5:35 p.m. - 6:20 p.m.

Session 2- Reviewing Scientific Articles: a Multifaceted Process

Moderator: Luke Simon, PhD

Speakers: Douglas T. Carrell, PhD, HCLD
University of Utah School of Medicine
Ewa Rajpert-De Meyts, MD, PhD, DMSc
Copenhagen Univ Hosp, Dept of Growth & Reproduction
Denmark
Armand Zini, MD
St. Mary's Hospital
Canada

6:20 p.m. - 6:30 p.m.

Closing Remarks

Speaker: Mara Roth, MD
University of Washington

6:30 p.m. - 8:30 p.m.

TRAINEE FORUM MIXER

Location: Grand Gallery

MONDAY, APRIL 04, 2016

- 7:00 a.m. - 6:00 p.m. **Registration Open**
Location: Second Floor Foyer
- 7:00 a.m. - 3:30 p.m. **Exhibit Hall Open**
Location: Astor Ballroom
- 7:00 a.m. - 8:00 a.m. **Continental Breakfast in Exhibit Hall**
Location: Astor Ballroom
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- 8:00 a.m. - 9:00 a.m. **WOMEN IN ANDROLOGY LECTURE: Exploring the Genetic and Genomic Basis of Male Reproductive Defects**
(Introduction: Sarah Kimmins, McGill University)
Speaker: Dolores J. Lamb, PhD, HCLD
 Baylor College of Medicine
- 9:00 a.m. - 9:15 a.m. **Young Andrologist Award**
- 9:15 a.m. - 10:15 a.m. **Symposium II/ Debate: Fertility Preservation in Adolescent Klinefelter Patients: the Case (or not) for Early Intervention**
Speakers: Darius A. Paduch, MD, PhD
 Weill Medical College of Cornell University
 Nathalie Rives
 Laboratoire de Biologie de la Reproduction CECOS, France
- 10:15 a.m. - 10:30 a.m. **Break**
- 10:30 a.m. - 11:15 a.m. **DIVERSITY LECTURE: My Journey to Understand Why Health Disparities Exist and What to Do About It**
(Introduction: Maria Christina Avellar, Universidad Federal de Sao Paulo)
Speaker: Thomas Laveist, PhD
- 11:15 a.m. - 12:30 p.m. **Poster Session II**
Location: Astor Ballroom & Astor Gallery
- 12:30 p.m. - 1:45 p.m. **Lunch On Own**
- 12:30 p.m. - 1:45 p.m. **WOMEN IN ANDROLOGY LUNCHEON AND DISCUSSION**
Location: Toulouse (2nd Floor Mezzanine)
- 1:45 p.m. - 3:15 p.m. **SYMPOSIUM III- Novel Therapies in Andrology**
(Moderator: John Amory, University of Washington)

Use of an Antimicrobial Peptide, LL-37, as a Vaginal Contraceptive

Speaker: Nongnui Tanphaichitr, PhD
 Ottawa Hospital -General Campus
 Canada

Ghrelin Hormone in Wound Healing and Prevention of Scarring in the Post-operative Setting of Abdominal and Testicular Surgery

Speaker: Kathleen Hwang, MD
 The Warren Alpert Medical School of Brown University

Transplantation of Immune Privileged Sertoli Cells: More Than Just Testicular Nurse Cells

Speaker: Jannette Dufour, PhD
 Texas Tech University Health Sciences Center

3:15 p.m. - 3:30 p.m.

Break

3:30 p.m. - 4:15 p.m.

LECTURE II

(Introduction: Janice Bailey, Laval University)

Environmental Programming of the Epigenome in Paternal Reproductive Health

Speaker: Sarah Kimmins, PhD
McGill University
Canada

4:15 p.m. - 5:00 p.m.

LECTURE III

(Introduction: Larry Lipshultz, Baylor College of Medicine)

The Role of the Urologist in the Era of IVF/ICSI

Speaker: Alexander W. Pastuszak, MD, PhD
Baylor College of Medicine

5:00 p.m. - 6:00 p.m.

ASA Business Meeting

Outstanding Trainee Investigator and Trainee Awards

7:30 p.m. -

Annual Banquet

TUESDAY, APRIL 05, 2016

7:00 a.m. – 8:00 a.m.

2017 Program Committee Meeting

Location: TBD

7:00 a.m. - 12:30 p.m.

Registration Open

Location: Second Floor Foyer

7:00 a.m. – 8:00 a.m.

Continental Breakfast in Exhibit Hall

Location: Astor Ballroom

8:00 a.m. - 9:30 a.m.

SYMPOSIUM IV - Germ Cell/Spermatogonial Stem Cell Biology

(Moderator: TBD)

Defining the Mechanisms Regulation Spermatogonial Differentiation

Speaker: Chris Geyer, PhD
Brody School of Medicine at ECU

Promoting Recombination in Mouse Meiosis

Speaker: Sophie La Salle, PhD
Midwestern University

Preservation of Fertility through Transplantation of Germ Cells and Grafting of Testicular Tissue

Speaker: Ali Honaramooz, DVM, PhD
University of Saskatchewan
Canada

9:30 a.m. - 9:45 a.m.

Break

9:45 a.m. - 10:45 a.m.

INTERNATIONAL LECTURE: Clinical Markers of Gonadal Function in Prepuberty and Puberty

(Introduction: Patricia Cuasnicu, Instituto de Biologia y Medicina Experimental)

Speaker: Rodolfo A. Rey, MD, PhD
Unive of Buenos Aires and Research Council
Argentina

10:45 a.m. - 12:15 p.m.

SYMPOSIUM V - Male Reproductive Tract/Sperm Biology

(Moderator: Sylvia Breton, MGH)

Exploring the Role of Macrophages and Dendritic Cells in the Epididymis

Speaker: Nicolas Da Silva, PhD
Massachusetts General Hospital

Y Chromosome and Spermatogenesis

Speaker: Monika A. Ward, MSc, PhD
Institute for Biogenesis Research

"Breaking" News from Spermatids

Speaker: Guylain Boissonneault, PhD
Universite de Sherbrooke
Canada

**ASA Andrology Lab Workshop:
"Restoring Strict Morphology Relevance: a Consensus Workshop"**

Saturday, April 2, 2015

9:00 a.m. - 5:00 p.m.

*Location: Astor Ballroom I
not CME accredited

Sperm morphology is the most difficult part of semen analysis to standardize to the WHO5th distribution of values. As has been noted in the literature, sperm morphology reference values has decreased steadily, *even once the strict criteria were introduced*. Many ART labs have developed such stringent classification that few if any normal sperm can be found. In this one day course, a novel classification approach will be used to build a consensus. Participants will classify sperm as usual and then again using a standard method and order of classification. QC strategies to reduce shift and drift will be discussed. The results will be compared and the data reported in *Andrology*.

The Laboratory Workshop is for analysts who would like to:

- See how their classification compares to others
- Improve classification stability and comparability among lab personnel
- Learn a method that is rational, repeatable, and defined
- Become less strict in classification
- Restore predictive value in sperm morphology
- Take part in data collection for a research project

**ASA Basic Science Workshop:
"ANDRomics: Genomics, Epigenomics, and Proteomics of Male Fertility"
Saturday, April 2, 2015**

*Location: Grand Ballroom A/B
not CME accredited

9:00 a.m. - 9:15 a.m.	Welcome and Introduction: Proteomics and Epigenomics
9:15 a.m. - 10:00 a.m.	TBD Speaker: Mark Baker, PhD University of Newcastle Australia
10:00 a.m. - 10:30 a.m.	Interactive Exercise and Coffee Break
10:30 a.m. - 11:00 a.m.	TBD Speaker: Mahmoud Aarabi, MD, PhD McGill University Canada
11:00 a.m. - 12:00 p.m.	Selected Abstracts
12:00 p.m. - 1:00 p.m.	Lunch with Keynote Speaker Speaker: Jon M. Oatley, PhD Washington State University
1:00 p.m. - 1:15 p.m.	Introduction: Genome-scale tools and genetics models Speaker: Elizabeth Snyder, PhD Jackson Laboratory
1:15 p.m. - 2:00 p.m.	TBD Speaker: Thomas Garcia, PhD University of Houston - Clear Lake
2:30 p.m. - 3:00 p.m.	Interactive Exercise and Coffee Break
3:00 p.m. - 3:50 p.m.	Selected Abstracts
3:50 p.m. - 4:00 p.m.	Closing Remarks Speaker: Cristian O'Flaherty, PhD, DVM McGill University -Research Institute-MUHC Canada

ASA Special Symposium: What's New in Men's Health"

Saturday, April 2, 2015

Location: Grand Ballroom C/D

Co-Chairpersons: Mohit Khera & Tobias Kohler

1:00 p.m. - 1:30 p.m.	New Treatment Paradigms Speaker: Charles Welliver, Jr., MD
1:30 p.m. - 2:00 p.m.	Testosterone is bad, no wait good for the prostate Speaker: Michael J. Butcher, DO Southern Illinois University
2:00 p.m. - 2:15 p.m.	Questions and Answers
2:15 p.m. - 2:30 p.m.	Break
2:30 p.m. - 3:00 p.m.	Xiaflex in Clinical Practice Speakers: Laurence A. Levine, MD Urology Specialists, SC Landon W. Trost, MD Mayo Clinic
3:00 p.m. - 3:30 p.m.	Evolving Surgical Paradigms Speakers: William O. Brant, MD University of Utah Laurence A. Levine, MD Urology Specialists, SC
3:30 p.m. - 3:45 p.m.	Questions and Answers
3:45 p.m. - 4:00 p.m.	Break
4:00 p.m. - 4:30 p.m.	Patient and Partner Psychology of Sexual Dysfunction Speaker: Christopher B. Nelson, MD Eagle Imaging
4:30 p.m. - 5:00 p.m.	Life Style Change and Sexual Function Speaker: Abdulmaged M. Traish, PhD Boston University - School of Medicine
5:00 p.m. - 5:15 p.m.	Questions and Answers