

ASA 39th ANNUAL CONFERENCE

“Andrology: Where Are We and Where Are We Going?”

April 5 – 8, 2014

InterContinental Buckhead Atlanta • Atlanta, GA

Program Chairs: Robert E. Brannigan, MD

Barry R. Zirkin, PhD

*All sessions will be held in **Windsor Ballroom C-E** unless otherwise noted.*

FRIDAY, APRIL 4, 2014

2:00 p.m. – 6:00 p.m. **Registration/Information Desk Open**
Location: Windsor Pre-Function Area

5:30 p.m. – 10:00 p.m. **Council Meeting**
Location: Trippe

SATURDAY, APRIL 5, 2014

7:30 a.m. – 7:00 p.m. **Registration/Information Desk Open**
Location: Windsor Pre-Function Area

4:00 p.m. – 9:30 p.m. **Exhibit Hall Open**
Location: Windsor Ballroom AB

5:30 p.m. – 5:40 p.m. **Welcome and Opening Remarks**

5:40 p.m. – 6:00 p.m. **Updates from NICHD & NIEHS: Where Are We and Where Are We Going?**
Stuart B. Moss, PhD
Program Director, Male Reproductive Health Fertility and Infertility Branch, NICHD
Thaddeus T. Schug, PhD
Program Administrator, Cellular, Organs, and Systems Pathobiology Branch, NIEHS

6:00 p.m. – 6:20 p.m. **Distinguished Andrologist Award**

6:20 p.m. – 6:30 p.m. **Centers for Disease Control and Prevention Welcomes ASA to Atlanta**
Hubert Vesper, PhD
Chief, CDC Protein Biomarker Laboratory
Division of Laboratory Services
National Center for Environmental Health

6:30 p.m. – 7:30 p.m. **EMIL STEINBERGER MEMORIAL LECTURE**
iPS Cell Technology and Disease Research: Issues to be Resolved
Rudolf Jaenisch, MD
Massachusetts Institute of Technology
(Introduced by Erwin Goldberg, PhD)

7:30 p.m. – 9:30 p.m. **Welcome Reception**
Location: Windsor Ballroom AB

SUNDAY, APRIL 6, 2014

6:30 a.m. – 8:00 a.m. **Past President's Breakfast**
Location: Trippe 1

7:00 a.m. – 6:00 p.m. **Registration/Information Desk Open**
Location: Windsor Pre-Function Area

7:00 a.m. – 4:00 p.m. **Exhibit Hall Open**
Location: Windsor Ballroom AB

7:00 a.m. – 8:00 a.m. **Continental Breakfast in Exhibit Hall**
Location: Windsor Ballroom AB

8:00 a.m. – 9:00 a.m.	<u>AUA LECTURE</u> Controversies in Vasectomy and Vasectomy Reversal Jay I. Sandlow, MD Medical College of Wisconsin (Introduced by Robert E. Brannigan, MD)
9:00 a.m. – 9:15 a.m.	Distinguished Service Award
9:15 a.m. – 10:45 a.m.	<u>SYMPOSIUM I – Stem Cells in the Male Reproductive Tract</u> Co-chairs: Marie-Claude Hofmann, PhD Makoto Nagano, PhD, DVM Unraveling Signaling Pathways Controlling Gonocyte Differentiation Martine Culty, PhD McGill University Regulation of Spermatogonial Stem Cells in the Adult Testis William Wright, PhD Johns Hopkins Bloomberg School of Public Health Human and Non-Human Primate Stem Cells Kyle Orwig, PhD University of Pittsburgh School of Medicine
10:45 a.m. – 11:00 a.m.	Break Location: Windsor Ballroom AB
11:00 a.m. – 12:30 p.m.	Poster Session I Location: Venetian (TBD)
12:30 p.m. – 2:00 p.m.	<u>MENTORING LUNCHEON SPONSORED BY THE DIVERSITY AND TRAINEE AFFAIRS COMMITTEES</u> Embarking on a Scientific Career: Combining Administrative, Teaching and Clinical Responsibilities Location: Trippe 1 William J. Bremner, MD, PhD University of Washington (Introduced by Peter Liu, MBBS, PhD)
2:00 p.m. – 3:30 p.m.	<u>CONCURRENT ORAL SESSIONS</u> Oral Session I Location: Windsor C-E Oral Session II Location: Hope
3:30 p.m. – 4:00 p.m.	Break Location: Windsor Ballroom AB
4:00 p.m. – 4:45 p.m.	<u>LECTURE I</u> What's Good for the Spermatogonial Stem Cell May Be Bad for the Offspring: Advantageous Mutations that Increase the Incidence of Human Disease Norman Arnheim, PhD University of Southern California (Introduced by Mary A. Handel, PhD)
4:45 p.m. – 5:30 p.m.	<u>LECTURE II</u> Novel Spermatogenic Pathways and Male Contraception Martin M. Matzuk, MD, PhD Baylor College of Medicine (Introduced by Jacquetta M. Trasler, MD, PhD)
5:30 p.m. – 6:15 p.m.	<u>SYMPOSIUM – Updates from the Centers for Disease Control and Prevention: Progress in Male Reproductive Health</u> Moderator: Steven M. Schrader, PhD Acting Chief, Biomonitoring and Health Assessment Branch National Institute for Occupational Safety and Health, CDC

Insights Gained from CDC Surveys and Initiatives

Lee Warner, PhD

Associate Director for Science, Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, CDC

CDC's Hormone Standardization Program: A Focus on Testosterone

Hubert Vesper, PhD

Director of Clinical Standardization Programs, Chief of Protein Biomarker and Lipid Reference Laboratory,

Clinical Chemistry Branch, Division of Laboratory Services, National Center for Environment Health, CDC

Discussion: Potential Collaboration with Academic Programs and National Organizations

6:30 p.m. – 8:30 p.m.

Trainee Forum and Mixer

Location: Venetian (TBD)

MONDAY, APRIL 7, 2014

7:00 a.m. – 6:00 p.m.

Registration/Information Desk Open

Location: Windsor Pre-Function Area

7:00 a.m. – 3:30 p.m.

Exhibit Hall Open

Location: Windsor Ballroom AB

7:00 a.m. – 8:00 a.m.

Continental Breakfast in Exhibit Hall

Location: Windsor Ballroom AB

8:00 a.m. – 9:00 a.m.

WOMEN IN ANDROLOGY LECTURE

Hormone Signaling and Reprogramming in Human Prostate Stem Cells

Gail S. Prins, PhD

University of Illinois at Chicago

(Introduced by Donna L. Vogel, MD, PhD)

9:00 a.m. – 9:15 a.m.

Young Andrologist Award

9:15 a.m. – 10:15 a.m.

SYMPOSIUM II – Would You Give This Man Testosterone? Case-Based Discussion

Moderators: Christina Wang, MD

Stephanie Page, MD, PhD

J. Lisa Tenover, MD, PhD

VA Palo Alto Health Care System

Peter N. Schlegel, MD

The New York Weill/Cornell Medical Center

10:15 a.m. – 10:30 a.m.

Break

Location: Windsor Ballroom AB

10:30 a.m. – 11:15 a.m.

DIVERSITY LECTURE

Disparities in Men's Health: The Role of the Primary Care Physician

Charles S. Modlin, PhD

Cleveland Clinic Foundation, Minority Men's Health Center

(Introduced by George Gerton, PhD)

11:15 a.m. – 12:30 p.m.

Poster Session II

Location: Venetian (TBD)

12:30 p.m. – 1:45 p.m.

Industry Sponsored Lunch

12:30 p.m. – 1:45 p.m.

WOMEN IN ANDROLOGY LUNCHEON AND DISCUSSION

What Successful Women Do Differently: Learning to Embrace Failure and to Take Risks

Location: Trippe

Moderator: Sophie La Salle, PhD

1:45 p.m. – 3:15 p.m.

SYMPOSIUM III – Spermatogenesis, Post-Testicular Sperm Maturation and Male Fertility

Co-Chairs: Gail Cornwall, PhD

Kenneth Roberts, PhD

Qualitative and Quantitative Aspects of the Hormonal Control of Spermatogenesis Revisited

*Ilpo Huhtaniemi, PhD
Imperial College, London*

Ca²⁺ and cAMP Signaling Crosstalk During Sperm Capacitation

*Pablo Visconti, PhD
University of Massachusetts*

Aging Affects Germ Cells from Genes to Fertility

*Bernard Robaire, PhD
McGill University*

3:15 p.m. – 3:30 p.m.

Break

Location: Windsor Ballroom AB

3:30 p.m. – 4:15 p.m.

LECTURE III

The Stress Hormone Corticotropin-Releasing Factor Acts in the Brain and the Testes to Regulate Testosterone Secretion

*Catherine Rivier, PhD
The Salk Institute for Biological Studies
(Introduced by Vassilios Papadopoulos, PhD)*

4:15 p.m. – 5:00 p.m.

LECTURE IV:

Pharmacological Regulation of Steroid Biosynthesis: From Testis to Brain

*Vassilios Papadopoulos, PhD
The Research Institute of the McGill University Health Centre
(Introduced by Catherine Rivier, PhD)*

5:30 p.m. – 6:30 p.m.

ASA Business Meeting

Outstanding Trainee Investigator and Trainee Awards

***7:30 p.m. – 11:00 p.m.**

Annual Banquet

Location: [Atlanta Event Center at Opera](#)

**The first bus departs for the Atlanta Event Center at Opera at 6:45 p.m.
followed by a second bus at 7:00 p.m.*

TUESDAY, APRIL 8, 2014

7:00 a.m. – 8:00 a.m.

2014 Program Committee Meeting

Location: Hope

7:30 a.m. – 12:15 p.m.

Registration/Information Desk Open

Location: Windsor Pre-Function Area

8:00 a.m. – 9:15 a.m.

SYMPOSIUM IV – PSA and Prostate Cancer Debate: Is PSA Screening A Rational Approach?

*Moderators: Gail S. Prins, PhD
Arthur L. Burnett, II, MD*

*William J. Catalona, MD
Northwestern University
Timothy Wilt, MD
University of Minnesota School of Medicine
Herbert B. Carter, MD
Johns Hopkins Hospital*

9:15 a.m. – 10:15 a.m.

INTERNATIONAL LECTURE:

Pharmacogenetics of FSH

*Manuela Simoni, MD, PhD
University of Modena and Reggio Emilia, Italy
(Introduced by Patricia S. Cuasnicu, PhD)*

10:15 a.m. – 10:30 a.m.

Break

Location: Windsor Foyer

10:30 a.m. – 12:00 p.m.

SYMPOSIUM V – Innovations in Male Environmental Health Protection

*Co-Chairs: Sally Perreault Darney, PhD
Bernard Robaire, PhD*

Revolution in Toxicity Testing and Risk Prediction for Chemicals in the Environment

Thomas Knudsen, PhD

US Environmental Protection Agency

Response of Human Fetal Testis Xenotransplants to Environmental Toxicants: Implications for Risk Assessment

Kim Boekelheide, MD, PhD

Brown University

Translation of the Science in Male Reproductive and Environmental Health for Evidence-Based Decisions by Clinicians, Regulators and the Public

Paula I. Johnson, PhD

University of California, San Francisco

MEETING ADJOURNED