

SCHEDULE OF EVENTS

ASA 39th Annual Conference
“Andrology: Where Are We and Where Are We Going?”
April 5 – 8, 2014
InterContinental Buckhead Atlanta
Atlanta, Georgia

Program Chairs: Robert E. Brannigan, MD and
 Barry R. Zirkin, PhD

Location: Windsor Ballroom C-E

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

FRIDAY, APRIL 4, 2014

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

SATURDAY, APRIL 5, 2014

7:30 a.m. – 7:30 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

8:30 a.m. - 4:00 p.m. **ASA Basic Science Workshop**
(See pg. 27 for full program)

9:00 a.m. - 5:00 p.m. **ASA Andrology Workshop**
(See pg. 28 for full program)

1:00 p.m. - 5:15 p.m. **ASA Special Symposium**
(See pg. 29 for full program)

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
NICHD
Thaddeus T. Schug, PhD
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
National Center for Environmental Health

SUNDAY, APRIL 6, 2014

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

6:30 a.m. – 6:30 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. **AUA LECTURE**
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. **SYMPOSIUM I – Stem Cells in the Male Reproductive Tract**
Co-chairs: Marie-Claude Hofmann, PhD
Makoto Nagano, PhD, DVM

Unraveling Signaling Pathways Controlling Gonocyte Differentiation
Martine Culty, PhD
McGill University

SCHEDULE OF EVENTS

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

12:30 p.m. – 2:00 p.m.

MENTORING LUNCHEON SPONSORED BY THE DIVER- SITY AND TRAINEE AFFAIRS COMMITTEES

Embarking on a Scientific Career: Combining Administrative, Teach- ing and Clinical Responsibilities

Location: Trippe I
William J. Bremner, MD, PhD
University of Washington
(Introduced by Peter Liu, MBBS,
PhD)

*Not included in registration; ticket
required

12:30 p.m. – 2:00 p.m. **Editorial Board Luncheon**

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

CONCURRENT ORAL SESSIONS

2:00 p.m. – 3:30 p.m. **Oral Session I: Molecular and
Environmental Regulation of
Male Reproductive Health**

Location: Windsor C - E
Moderators: Kate Loveland, PhD
Jacquetta M.
Trasler, MD, PhD

2:00 p.m. – Abstract #1

RESPONSIVENESS OF THE SPERMATOGONIAL STEM CELL POOL TO RETINOIC ACID

Ryan Anderson, BS, Melissa Oatley, MS and Jon Oatley, PhD
Washington State University
(Presented By: Jon Oatley, PhD)

2:15 p.m. – Abstract #2

THE TRANSLATIONAL REPRESSOR, Y-BOX PROTEIN 2 (YBX2/MSY2), BINDS THE CIS-ELEMENT (TCE) THAT INAC- TIVATES MOUSE PRM1 MRNA TRANSLATION IN ROUND SPERMATIDS.

Tamjid Chowdhury, BA and Kenneth Kleene, PhD
University of Massachusetts Boston
(Presented By: Kenneth Kleene, PhD)

2:30 p.m. – Abstract #3

KDM1A OVEREXPRESSION IN MOUSE TESTES ALTERS THE EPIGENETIC LANDSCAPE OF SPERM HISTONES AND IS IMPLICATED IN TRANSGENERATIONAL INHERITANCE

Keith Siklenka, Serap Erkek¹, Maren Godmann², Romain Lambrot²,
Christine Lafleur², George Chountalos², Tamara Cohen², Marilene
Paquet², Matthew Suderman², Mike Hallett², Serge McGraw², Donovan
Chan², Jacquetta Trasler², Antoine Peters¹ and Sarah Kimmins²
¹Friedrich Miescher Institute for Biomedical Research, Switzerland;
²McGill University, Canada
(Presented By: Keith Siklenka)

2:45 p.m. – Abstract #4

CHRONIC EXPOSURE TO LOW DOSES OF DI-N-BUTYL PHTHALATE (DBP) RESULTS IN SMALLER TESTES, ABNOR- MAL TESTOSTERONE LEVELS, IMPAIRED BONE HEALTH AND GREATER WEIGHT GAIN IN ADULT MICE.

Sarah Moody, BBiomedSci¹, Hoey Goh, BBiomedSci¹, Rachele John-
son, PhD², Natalie Sims, PhD², Kate Loveland, PhD¹ and Catherine
Itman, PhD³
¹Monash University; ²St. Vincent's Institute; ³University of Newcastle
(Presented By: Catherine Itman, PhD)

3:00 p.m. – Abstract #5

PRENATAL EXPOSURE TO AN ENVIRONMENTALLY-RELE- VANT CONTAMINANT MIXTURE ALTERS THE EPIGENOME OF FATHERS, DECREASES THEIR FERTILITY AND THE HEALTH OF THEIR SONS IN A RAT MODEL.

Clotilde Maurice, PhD Student¹, Serge McGraw, PhD², Arnaud Droit,
PhD¹, Jacquetta Trasler, MD, PhD², Sarah Kimmins, PhD² and Janice
Bailey, PhD¹
¹Université Laval; ²McGill University
(Presented By: Clotilde Maurice, PhD Student)

3:15 p.m. – Abstract #6

PRENATAL EXPOSURE TO A COMBINATION OF ENDO- CRINE DISRUPTORS EXACERBATES EARLY AND LONG TERM EFFECTS ON MALE REPRODUCTIVE HEALTH AND DEVELOPMENT

Steven Jones, MSc¹, Annie Boisvert, MSc², Peter Thrane, BSc³, Sade
Francois, BSc⁴ and Martine Culty, PhD⁵
¹McGill University, Research Institute of the MUHC, Division of Ex-
perimental Medicine, Montreal, Quebec; ²McGill University, Research
Institute of the MUHC and Department of Medicine; ³McGill Universi-
ty, Research Institute of the MUHC; ⁴McGill University, Research Insti-
tute of the MUHC and Department of Pharmacology and Therapeutics;
⁵McGill University, Research Institute of the MUHC, Division of Ex-
perimental Medicine and Departments of Medicine and Pharmacology
and Therapeutics
(Presented By: Steven Jones, MSc)

SCHEDULE OF EVENTS

2:00 p.m. – 3:30 p.m.

Oral Session II: Human Spermatogenesis: Novel Findings in 2014

Location: Hope

*Moderators: Dolores J. Lamb, PhD
Kyle Orwig, PhD*

2:00 p.m. – Abstract #7

LEVELS OF THE RETINOIC ACID SYNTHESIZING ENZYME ALDH1A2 ARE LOWER IN TESTICULAR TISSUE FROM MEN WITH INFERTILITY

John Amory, MD, MPH¹, Samuel Arnold, MS¹, Maria Lardone, MS², Antonio Piottante, MD³, Mauricio Ebensperger, MD⁴, Nina Isoheranen, PhD¹, Charles Muller, PhD¹, Thomas Walsh, MD¹ and Andrea Castro, MS²

¹University of Washington; ²University of Chile; ³Andres Bello University; ⁴San Borja Arriaran Hospital
(Presented By: John Amory, MD, MPH)

2:15 p.m. – Abstract #8

A MICROARRAY ANALYSIS OF UNIQUE GENES FOUND IN MEN WITH NON-OBSTRUCTIVE AZOOSPERMIA (NOA) AND VARICOCELES.

Jason Kovac, MD, PhD, Josephine Addai, BSc, Larry Lipshultz, MD and Dolores Lamb, PhD
Baylor College of Medicine

(Presented By: Jason Kovac, MD, PhD)

2:30 p.m. – Abstract #9

MICRORNA EXPRESSION IN MEN WITH CONFIRMED DIAGNOSIS OF EARLY MATURATION ARREST

Ali Dabaja, MD, Anna Mielnik, MS, Matthew S. Wosnitzer, MD, Peter N. Schlegel, MD and Darius A. Paduch, MD, PhD

Weill Cornell Medical College
(Presented By: Ali Dabaja, MD)

2:45 p.m. – Abstract #10

MALE INFERTILITY FROM OVERUSE OF MEDICAL TESTOSTERONE IN MEN IN THEIR REPRODUCTIVE YEARS – AN UNNECESSARY PROBLEM

William Parker, MD, Brian McArdle, DO, Arash Sattarin, Zachary Hamilton, MD and Ajay Nangia, MD
The University of Kansas

(Presented By: William Parker, MD)

3:00 p.m. – Abstract #11

POST-FINASTERIDE PERSISTENT SIDE EFFECTS MAY BE ASSOCIATED WITH PERSISTENT 5 ALPHA-REDUCTASE INHIBITION: A PILOT STUDY

Seth Cohen, MD, MPH

(Presented By: Seth Cohen, MD, MPH)

3:15 p.m. – Abstract #12

RECOVERY OF UNDIFFERENTIATED SPERMATOGONIA FROM THE TESTES OF PREPUBERTAL PATIENTS AFTER EXPOSURE TO CHEMOTHERAPY

Hanna Valli¹, Karen A. Peters², Brian P. Hermann³, Meena Sukhwani², Peter H. Shaw⁴, Joseph S. Sanfilippo⁵, Thomas M. Jaffe⁶ and Kyle E. Orwig⁷

¹Departments of Obstetrics, Gynecology & Reproductive Sciences, Molecular Genetics and Developmental Biology Graduate Program, University of Pittsburgh School of Medicine; ²Magee-Womens Research Institute, Pittsburgh, PA 15213; ³Department of Obstetrics, Gynecology & Reproductive Sciences and Magee-Womens Research Institute, Pittsburgh; ⁴Department of Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, PA 15260; ⁵Departments of Obstetrics, Gynecology & Reproductive Sciences, Center for Fertility and Reproductive Endocrinology, University of Pittsburgh School of Medicine, Pittsburgh, PA 15260; ⁶Department of Urology, University of Pittsburgh School of Medicine, Pittsburgh, PA 15260; ⁷Departments of Obstetrics, Gynecology & Reproductive Sciences, Center for Fertility and Reproductive Endocrinology, Molecular Genetics and Developmental Biology Graduate Program, University of Pittsburgh School of Medicine, Pittsburgh, PA 15260. Magee-Womens Research Institute, Pittsburgh, PA 15213

(Presented By: Hanna Valli)

3:30 p.m. – 4:00 p.m.

Break

Location: Windsor AB

4:00 p.m. – 4:45 p.m.

LECTURE I

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.

LECTURE II

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.

SYMPOSIUM – Updates from the Centers for Disease Control and Prevention: Progress in Male Reproductive Health

Moderator: Steven M. Schrader, PhD

National Institute for Occupational Safety and Health, CDC

SCHEDULE OF EVENTS

Insights Gained from CDC Surveys and Initiatives

Lee Warner, PhD

National Center for Chronic Disease Prevention and Health Promotion, CDC

CDC's Hormone Standardization Program: A Focus on Testosterone

Hubert Vesper, PhD

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

*All Trainee Travel Awards will be distributed and celebrated at this event

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. – 8:00 a.m.

Continental Breakfast

Location: Windsor Foyer

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 Discussions

Moderators: Christina Wang, MD
Stephanie T. Page, MD, PhD

J. Lisa Tenover, MD, PhD

VA Palo Alto Health Care System

Peter N. Schlegel, MD

The New York Weill/Cornell Medical Ctr.

10:15 a.m. – 10:30 a.m.

Break

Location: Windsor Foyer

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, MD

Cleveland Clinic Foundation,
Minority Men's Health Center
(Introduced by George L. Gerton, PhD)

11:15 a.m. – 12:30 p.m.

Poster Session II

Location: Venetian

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

*Not included in registration fee; ticket required

1:45 p.m. – 3:15 p.m.

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

Co-Chairs: Gail A. Cornwall, PhD

Kenneth P. Roberts, PhD

Qualitative and Quantitative Aspects of the Hormonal Control of Spermatogenesis Revisited

Ippo Huhtaniemi, MD, PhD, FMed-Sci

Imperial College, London

Ca²⁺ and cAMP Signaling Cross-talk During Sperm Capacitation

Pablo E. 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 Foyer

SCHEDULE OF EVENTS

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 Papado-
poulos, 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
Buses will be leaving from hotel
lobby at 6:45 p.m.
**Not included in registration fee;*
ticket required

TUESDAY, APRIL 8, 2014

7:00 a.m. – 8:00 a.m. **2015 Program Committee**
Meeting
Location: Hope

7:30 a.m. – 12:15 p.m. **Registration/Information Desk**
Open
Location: Windsor Pre-Function
Area

7:00 a.m. – 8:00 a.m. **Continental Breakfast**
Location: Windsor Foyer

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 Environmen-
tal Toxicants: Implications for
Risk Assessment
Kim Boekelheide, MD, PhD
Brown University

Translation of the Science in Male
Reproductive and Environmental
Health for Evidence-Based De-
isions by Clinicians, Regulators
and the Public
Paula I. Johnson, PhD
University of California, San
Francisco

MEETING ADJOURNED

Disclaimer Statement

Statements, opinions and results of studies contained in the program are those of the presenters/authors and do not reflect the policy or position of the ASA nor does the ASA provide any warranty as to their accuracy or reliability.

SCHEDULE OF EVENTS

***Basic Science Workshop** **“Assessing Male Reproductive Function in the Laboratory”**

8:30 a.m. - 4:00 p.m.

April 5, 2014

InterContinental Buckhead Atlanta

Atlanta, Georgia

Chair: Sophie La Salle, PhD

**Not CME Accredited*

*All sessions will be held in **Hope** unless otherwise noted.*

SATURDAY, APRIL 5, 2014

7:30 a.m. – 7:30 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

8:30 a.m. **Session 1: Visualizing Male Reproductive Capacity**
Rex Hess, PhD, University of Illinois, USA
Dolores Lamb, PhD, Baylor College of Medicine, USA
Gunapala Shetty, PhD, MD Anderson Cancer Center, USA

Break

Session 2: Markers and Mechanisms of Reproductive Function
Development and Assessment of Epididymal Function
Barry Hinton, PhD, University of Virginia USA

Oxidative Stress Markers and Role of Reactive Oxygen Species in Sperm Function
Cristian O’Flaherty, DVM, PhD, McGill University, Canada

Identification and Functional Assessment of Human Spermatogonial Stem Cells
Hooman Sadri-Ardekani, MD, PhD

Epididymal Sperm Preparation from Mice: Key Steps and Challenges
Genevieve Plante, PhD Candidate, Universite de Montreal, Canada

Lunch

Session 3: New Tools and Approaches for Discovery
Visualization of Immunolocalized Proteins in Sperm Using Electron Microscopy
James Foster, PhD, Randolph-Macon College, USA

Application of Patch-Clamping to the Study of Testicular Cell Function
David Fleck, PhD Candidate, RWTH-Aachen University, Germany

Experimental Considerations and Analysis of Testis RNA-Sequence Datasets
Elizabeth Snyder, PhD, The Jackson Laboratory, USA

Interactome Analysis of Spermatogenesis: A Systems Biology Approach to Andrology
Baruk Ozkosem, PhD Candidate, McGill University, Canada

Proteomic Analysis of Proteins Involved in Sperm Capacitation
Ana Maria Saliconi, PhD, University of Massachusetts, USA

Proteomic and Biochemical Analysis of Exosomes in Semen
Alan Diekman, PhD, University of Arkansas for Medical Sciences, USA

Simulation of the Mouse Spermatogenic Cycle Using Computer Modeling
Ping Ye, PhD, Washington State University, US

4:00 p.m. Adjourn

SCHEDULE OF EVENTS

*Andrology Lab Workshop *“Post Vasectomy Semen Analysis: Lab Methods and Interpretation”*

April 5, 2014

InterContinental Buckhead Atlanta

Atlanta, Georgia

Program Chairs: Charles H. Muller, PhD, HCLD

**Not CME Accredited*

Location: Trippe

SATURDAY, APRIL 5, 2014

7:30 a.m. – 7:30 p.m.	Registration/Information Desk Open <i>Location: Windsor Pre-Function Area</i>	11:35 a.m. – 12:00 p.m.	Exercise and Discussion (Needle in a Haystack) Committee ALW Committee
4:00 p.m. – 9:30 p.m.	Exhibit Hall Open <i>Location: Windsor Ballroom AB</i>	12:00 p.m. – 1:30 p.m.	Lunch with Laboratory Science Forum
<hr style="border: 0.5px solid black;"/>			
9:00 a.m. – 9:15 a.m.	Introduction Charles H. Muller, PhD, HCLD	2:20 p.m. – 2:40 p.m.	Break
9:15 a.m. – 10:15 a.m.	Methods of Assessing Post-Vasectomy Semen Charles H. Muller, PhD, HCLD Susan Rothman, PhD, HCLD	2:40 p.m. – 3:30 p.m.	AUA Recommendation: PVSA Office Microscopy Procedure and CLIA Requirements ALW Committee Susan Rothman, PhD, HCLD
10:15 a.m. – 10:35 a.m.	Break	3:30 p.m. – 4:10 p.m.	Panel Discussion of AUA Recommendation ALW Committee, Faculty, Guests
10:35 a.m. – 11:35 a.m.	Clinical Assessment of Post-Vasectomy Semen Analysis and Statistics of Small Numbers Charles H. Muller, PhD, HCLD Susan Rothman, PhD, HCLD	4:10 p.m. – 4:40 p.m.	Conclusions, Summary, Questions Charles H. Muller, PhD, HCLD
		4:40 p.m. – 5:00 p.m.	Course Summary and Evaluation

SCHEDULE OF EVENTS

ASA Special Symposium

“Controversies in Testosterone Therapy: Cardiovascular Disease/Metabolic Syndrome, Prostate Cancer, and Fertility”

April 5, 2014

InterContinental Buckhead Atlanta

Atlanta, Georgia

Program Chairs: Mohit Khera, MD and Allen D. Seftel, MD, FACS

Location: Windsor C-E

SATURDAY, APRIL 5, 2014

7:30 a.m. – 7:30 p.m.	Registration/Information Desk Open <i>Location: Windsor Pre-Function Area</i>	2:35 p.m. – 3:15 p.m.	Testosterone and Cardiovascular Disease Stephanie Page, MD, PhD
4:00 p.m. – 9:30 p.m.	Exhibit Hall Open <i>Location: Windsor Ballroom AB</i>	3:15 p.m. – 3:30 p.m.	Should Testosterone be a Standard Annual Screen in Men? Tobias Kohler, MD, MPH

Controversies in Testosterone Therapy and Prostate Cancer

Moderators: Ethan Grober, MD, MEd, FRCSC; Larry Lipshultz, MD

1:00 p.m. – 1:20 p.m. **Testosterone and Prostate Cancer: Understanding the Risks**
Abraham Morgentaler, MD

1:20 p.m. – 1:40 p.m. **Basic Science Review of Testosterone and Prostate Cancer**
Abdulmageed Traish, PhD

1:40 p.m. – 2:00 p.m. **Testosterone for Penile Rehabilitation following Radical Prostatectomy**
Mohit Khera, MD

2:00 p.m. – 2:15 p.m. **Questions and Answers**

Controversies in Testosterone Therapy and Cardiovascular Disease/Metabolic Syndrome

Moderators: Allen Seftel, MD, FACS

2:15 p.m. – 2:35 p.m. **Testosterone and Metabolic Syndrome**
Glenn Cunningham, MD

3:30 p.m. – 3:45 p.m. **Questions and Answers**

3:45 p.m. – 4:00 p.m. **Break**

Controversies in Testosterone Therapy and Infertility

Moderators: Mark Sigman, MD; Edward Kim, MD

4:00 p.m. – 4:20 p.m. **Preserving Fertility in the Hypogonadal Patient**
Larry Lipshultz, MD

4:20 p.m. – 4:40 p.m. **Anabolic Steroid Abuse and Infertility**
Ajay Nangia, MBBS

4:40 p.m. – 5:00 p.m. **Understanding the Role of Testosterone in Fertility**
Dolores Lamb, PhD

5:00 p.m. – 5:15 p.m. **Questions and Answers**