

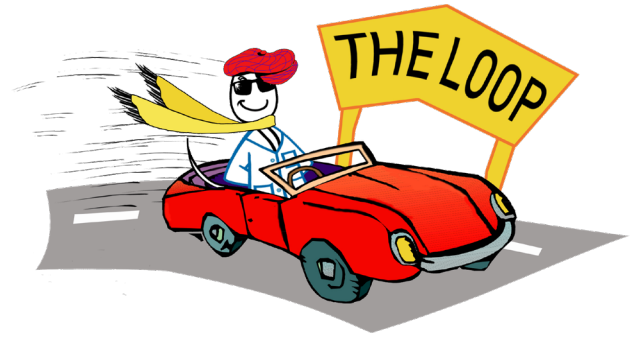
**The XXVth North American Testis Workshop
“Lifelong Cell-Cell Interactions in the Testis:
A Driver for Male Fertility”**

April 3 - 6, 2019

**The Ritz-Carlton Chicago
Chicago, Illinois**

*In Conjunction with the American Society of Andrology
Annual Meeting, April 6 - 9, 2019*

**Chair: Vassilios Papadopoulos, DPharm, PhD
Vice-Chair: Wei Yan, MD, PhD**



*Logo happily modified by Pamela Wright,
PB Wright Scientific Editing, LLC*

Abstracts to the 2018 Testis Workshop will be submitted via the website for the American Society of Andrology. The link to the 2018 North American Testis Workshop Abstracts is now posted online: abstracts.andrologysociety.org/abstracts-testis/

Abstract Submissions Opened: June 20, 2018

Abstract Submissions Close: November 16, 2018, noon CST

PROGRAM HIGHLIGHTS

WEDNESDAY, APRIL 3, 2019

Keynote Address

Antigens and Blood - Testis Barrier

Kenneth S. Tung, MD, *University of Virginia*

Welcome Reception

THURSDAY, APRIL 4, 2019

Benchmark Lecture I

Study of the Testicular Microenvironment In Vitro

Jan-Bernd Stukenborg, PhD, *Karolinska Institutet and University Hospital*

Session I

Topic: Cell-Cell Interactions in Testis Formation

Pig Testis Organoid Formation

Ina Dobrinski, DVM, PhD, *University of Calgary*

Human Testis Organization In Vitro

Andrej-Nikolai Spiess, PhD, *University Hospital Hamburg-Eppendorf*

Human Testis Organoid Formation

Ellen Goossens, *Vrije Universiteit Brussels*

Session II

Topic: Germ Cell Differentiation in Response to Local and Endocrine Factors

Testicular Architecture is Critical for Mediation of Retinoic Acid Responsiveness by Undifferentiated Spermatogonial Subtypes in the Mouse

Jon M. Oatley, PhD, *Washington State University*

Potential Use of Stem Cells for Fertility Preservation

Clifford L. Librach, MC, FRSCS(C), FACOG, *University of Toronto*

Genetic Networks that Act in Somatic Cells of the Testis to Mediate Germ Cell Development

Guy Tanentzapf, PhD, *University of British Columbia*

FRIDAY, APRIL 5, 2019

Benchmark Lecture II

Spermatogonial Niche Development

Kate Loveland, PhD, *Monash University*

Session III

Topic: Somatic Cells Function In Response To Local Factors

Somatic-Germ Cell Interactions

Michael D. Griswold, PhD, *Washington State University*

Prostaglandin E2 (PGE2) is a Testicular Peritubular Cell-Derived Factor Involved in Human Testicular Homeostasis

Artur Mayerhofer, PhD, *Ludwig-Maximilian-University*

Role of the Interstitial Cells in Spermatogonial Stem Cell Development

Tony De Falco, PhD, *Cincinnati Children's Hospital Medical Center*

Session IV

Topic: Testicular Function in Response to Man-made Chemicals

Effects of Organophosphate Flame-Retardants on Testicular Function

Barbara F. Hales, PhD, *McGill University*

Phthalate Exposure-Induced Epigenetic Modification in Humans

Nina Holland, PhD, *University of California Berkeley*

Effects of Endocrine Disruptor Mixtures on Male Reproduction

Martine Culty, PhD, *University of Southern California*

SATURDAY, APRIL 6, 2019

Benchmark Lecture III

Estrogenic Compounds on Testis Function

Janice Bailey, PhD, *Laval University*

Session V

Topic: Pathogen Effects on Testis Function

Zika, Testis Infection, Clinical and Vaccines

Gary Kobinger, *Laval University*

Zika and West Nile Virus Infection on Testis Function

Saguna Verma, PhD, *University of Hawaii*

Immune System of the Testis

Mark Hedger, PhD, *Hudson Institute and Monash University*