

XX North American Testis Workshop

Testicular Function: Levels of Regulation

Chair: Mitch Eddy, NIEHS, NIH

Vice-Chair: John McCarrey, University of Texas San Antonio

Wednesday, April 1 – Saturday, April 4, 2009

Hyatt Regency at Penn's Landing

Philadelphia, Pennsylvania

Testis Workshop Abstract Submission Site

http://molecular.biosciences.wsu.edu/testis/tws_home.htm

Deadline: December 1, 2008

PROGRAM HIGHLIGHTS

KEYNOTE ADDRESS

Testicular Function and Dysfunction in Mammals

Martin Matzuk, Baylor College of Medicine

BENCHMARK LECTURES

Cellular Mechanisms of Testis Formation

Richard Behringer, University of Texas Houston

P-granule Assembly in *C. elegans* Germ Cells

Dustin Updike, University of California Santa Cruz

PLATFORM SESSIONS

SESSION I: REGULATION OF TESTIS DEVELOPMENT

Multifaceted Functions of Hedgehog Pathway in Fetal Testis Development

Humphrey Yao, University of Illinois

Determination and Stability of Sex

David Schlessinger, NIA, NIH

Sertoli Cell Dicer is Essential for Spermatogenesis

Serge Nef, University of Geneva, Switzerland

SESSION II: REGULATION OF TESTIS FUNCTION

Germ Cells: What They Need and Why

Sarah Meachem, Prince Henry's Institute of Medical Research
Melbourne, Australia

Gonadotrophin-regulated Testicular RNA Helicase, *GRTH/Ddx25*, an Essential Multifunctional Protein in Germ Cell Development

Chon-Hwa Tsai-Morris, NICHD, NIH

The Role of A-Kinase Anchoring Protein 121 (AKAP121) in the Regulation of Steroidal Hormone Biosynthesis

Douglas Stocco, Texas Tech University

SHORT TALKS FROM SUBMITTED ABSTRACTS

POSTER SESSION I



SESSION III: REGULATION OF GERM CELL DEVELOPMENT

Germ Line Stem Cell Renewal and Differentiation in the Mouse

Makoto Nagano, McGill University, Quebec, Canada

The Role of the Chromatoid Body in RNA Processing in Male Germ Cells

Paolo Sassone-Corsi, University of California Irvine

Epigenetic Control of Primordial Germ Cell-specific Gene Expression

Yasuhisa Matsui, Tohoku University, Sendai, Japan

SESSION IV: REGULATION OF GENE EXPRESSION IN GERM CELLS

Sam68 Nuclear RNA-binding Protein and its Role During Spermatogenesis

Claudio Sette, University of Rome "Tor Vergata", Rome, Italy

Small RNA Pathways in Male Germline

Alexei Aravin, Cold Spring Harbor Laboratories

Genome Divergence and Male Infertility in the Mouse

Fernando Pardo-Manuel de Villena, University of North Carolina

SHORT TALKS FROM SUBMITTED ABSTRACTS

POSTER SESSION II

SESSION V: REGULATION OF GAMETE DEVELOPMENT AND FUNCTION

Histone Demethylase *Jhdm2a* in Post-meiotic Gene Expression in the Mouse

Yuki Okada, University of North Carolina

Regulation of Male Meiosis by X Chromosome-linked Genes in Mice

P. Jeremy Wang, University of Pennsylvania

Building Germ Cell-specific Signaling Complexes that Regulate Sperm Function

Marco Conti, University of California San Francisco

Ldhc: The Ultimate Model of Testis Gene Expression

Erwin Goldberg, Northwestern University

AMERICAN SOCIETY OF ANDROLOGY: APRIL 4-7, 2009