

## 2007 Frontiers in Reproduction Symposium Schedule

*Events shaded in yellow indicate complementary meals & snacks provided for symposium attendees.*

Time	Event	Details
<b>Thursday, June 14</b>		
7:00	Cookout Supper	MBL Swope Center Terrace
Evening	Night Out (on your own)	Best Bet: Cap'n Kidd
<b>Friday, June 15</b>		
8:00 a.m.	Breakfast Buffet Available	WHOI Clark Center
<b>Session I: David Albertini, Moderator</b>		
8:55	Opening Remarks, Housekeeping Notes, Introduction	
9:00	Dr. Louis DePaolo, NICHD, NIH	FIR Tenth Anniversary Recognition
9:30	Dr. John Eppig, The Jackson Laboratory	Pioneer Lecture: Oocytes control granulosa cell development and function
10:30	Josh Boyce '07, University of Idaho	The salmonid estrogen receptor family: genome duplication, physiology and estrogenic compounds
10:45	Coffee Break	
11:00	Paolo Catalano '07, University of Buenos Aires & CONICET	Endocrine Evaluation In GABAB1 Knock-Out Mice
11:15	Wendy Kuohung '07, Boston University School of Medicine	High-Throughput Screening for Modulators of GPR54, a G Protein-Coupled Receptor Involved in Puberty and Reproduction
11:30	Mika Thomas '07, University of Iowa	Role of the ERK 1/2 Cascade on the Regulation of Aromatase Expression During Ovarian Follicular Development.
11:45	Dalhia Abramovich '07, Inst. de Biología y Medicina	Angiogenic factors: novel role in follicular development
12:00 noon	Michelle Wood '07, University of Pittsburgh	Molecular Events During Sertoli Cell Differentiation Include Expulsion of Id Proteins from the Nucleus, Elevated E-box Transcription Factor Activity
12:15	Lunch	WHOI Clark Center
<b>Session II: Mario Ascoli, Moderator</b>		
1:05	Introduction	
1:10	Dr. Neena Schwartz, Northwestern University	Pioneer Lecture: A Lab of Her Own: Catching Up With the Boys
2:00	Esmeralda Rodríguez-Miranda '07, University of Pennsylvania Medical	Structural and functional characterization of ATP receptors in mouse sperm
2:15	Priyanka Parte '07, Nat'l Inst. for Research in Repro. Health	Investigation of functional proteins relevant to sperm motility
2:30	Ricardo Moreno '98, Pontificia Universidad Católica de Chile	Involvement of ADAM protein family in apoptosis of developing spermatocytes during rat spermatogenesis
2:45	L. Gabriel Sanchez-Partida '98, Monash Institute of Medical Res.	Viability of Liquid Stored Bovine Sperm as Determined by Novel Flowcytometric Methods
3:00	Julian Sosnic '07, University of Massachusetts, Amherst	Initial Characterization of Sperm Specific Kinases
3:15	Coffee Break	
3:30	Karen Schindler '07, University of Pennsylvania	Determining the role of Cdc14 during meiosis in mouse oocytes
3:45	Anna Grazul-Bilska '98, North Dakota State University	Dietary effects on oocyte quality measured by in vitro fertilization rates in sheep.
4:00	Rocio Rivera '07, University of Pennsylvania	Manipulations of mouse embryos prior to implantation result in aberrant expression of imprinted genes on day 9.5 of development
4:15	Kristen Grace '01, Albert Einstein College of Medicine	The humanized mouse zona, insights into mammalian sperm-egg binding
4:30	Mariano Buffone '06, University of Pennsylvania	Mouse zona pellucida 3 receptor (sp56) is processed during spontaneous acrosomal exocytosis.
4:45	Erin Wolff '07, Yale University School of Medicine	Demonstration of Multipotent Stem Cells in the Adult Human Endometrium by in vitro Chondrogenesis
6:30 - 8:30	Optional Supper-Social Event	Sunset Cruise of Falmouth & Woods Hole aboard "Patriot Too"
Evening	Dinner/Night Out (on your own)	Best Bet: Cap'n Kidd

## 2007 Frontiers in Reproduction Symposium Schedule

Time	Event	Details
<b>Saturday, June 16</b>		
8:00 a.m.	Breakfast Buffet Available	WHOI Clark Center
<b>Session III: Franco DeMayo, Moderator</b>		
8:55	Introduction	
9:00	Dr. Holly LaVoie '00, University of South Carolina	FIR Distinguished Alumni Lecture: The Journey from STARD1 to GATA4
10:00	Janet Tou '02, West Virginia University	The Effect of Sugar-Induced Weight Gain on Reproductive Cycling in Young Sprague-Dawley Rats
10:15	Chishimba Mowa '07, Appalachian State University	Profile of Vascular endothelial growth factor during cervical ripening
10:30	Coffee Break	
10:45	Dorette Noorhasan '07, New Jersey Medical School - UMDNJ	The Effect on Collagen mRNA Expression in the Rhesus Monkey Cervix
11:00	Geetanjali Sachdeva '02, Nat'l Inst.for Research in Repro. Health	Assessment of uterine receptivity in primates using a proteomics based approach
11:15	Emre Seli '04, Yale University School of Medicine	Translational regulation of gene expression in the oocyte and pre-implantation embryo
11:30	Magda Chrostowski '04, Brown University	Role of LAT-1 in implantation and placentation
11:45	Robert Sherwin '06, University of Cambridge	Identification of novel genes regulated by chorionic gonadotrophin in baboon endometrium during the window of implantation
12:00 noon	Ryan Gill '02, University of California, San Francisco	The TNF- $\alpha$ -308A Polymorphism Is Associated With Microchimerism in Transfused Trauma Patients.
12:15	Lunch	WHOI Clark Center
<b>Session IV: Mike McClure, Moderator</b>		
1:00 PM	Introduction	
1:05 PM	Dr. Jerome Strauss, Virginia Commonwealth University	Distinguished National Research Service Lecture: Science and Serendipity
2:05	Natalie Hannan '07, Prince Henry's Inst. of Medical Res.	A Novel Role for the Chemokines CX3CL1 and CCL14 in Regulating Human Trophoblast Extracellular Matrix and Adhesion Molecules.
2:20	Oscar Buzio '03, University of Illinois at Chicago	HB-EGF and survival of first trimester trophoblast cells
2:35	Lynda Harris '07, University of Manchester	Uterine spiral artery remodeling in pregnancy
2:50	Lara Friel '07, Hutzel Women's Hospital	Genetic Predisposition for Preterm PROM: Results of a Large Candidate-Gene Association Study of Mothers and their Offspring
3:05	Coffee Break	
3:20	Peter Uzelac '07, University of Louisville	Androgens in Gestational Diabetic Pregnancies
3:35	Julie Hastings '03, University of Illinois at Chicago	Epigenetic Modification of Eutopic Endometrium in a Baboon Model of Endometriosis
3:50	Lynnette Ruiz '07, Ponce School of Medicine	Molecular profiling of experimental endometriosis identified gene expression patterns in common with human disease
4:05	Lusine Aghajanova '07, UCSF, Ctr for Reproductive Sciences	Different decidualization potential of human endometrial stromal cells from women with and without endometriosis under progesterone or cAMP stimulation.
4:20	Subeer Majumdar '00, National Institute of Immunology	Deathless mammalian transgenesis: A feat in scientific ethics
4:35	Juan Enrique Schwarze '03, Clinica Las Condes	Ovarian reserva as a predictor of SO/IUI success
5:30	Reception	Meigs Room, Swope Center, MBL
6:30	Awards Banquet	Meigs Room, Swope Center, MBL
Evening	Night Out (on your own)	Best Bet: Cap'n Kidd