



Advances in Andrology: The Basic Science Behind Fertility Presented by the Champion Fund

Friday, October 13, 2017 • 8:30 a.m. – 5:00 p.m.

NIEHS Building 101, Rodbell Auditorium • 111 TW Alexander Drive, Research Triangle Park, N.C.

AGENDA

- 7:30 – 8:15 a.m. Registration and Check-In – Lobby
- 8:30 – 8:45 a.m. Opening Remarks: Humphrey Yao, Ph.D., and Phyllis Leppert, M.D., Ph.D.
- 8:45 – 9:30 a.m. **KEYNOTE ONE**
Haifan Lin, Ph.D., Yale University
Uniting the Genome: A Novel Function of piRNAs in the Germline
- 9:30 – 10:00 a.m. Debra Wolgemuth, Ph.D. Columbia University
Function of the BET Family Protein BRDT in Male Germ Cells
- 10:00 – 10:15 a.m. Coffee Break
- 10:15 – 10:45 a.m. Matthew Coward, M.D., University of North Carolina at Chapel Hill
Contemporary Evaluation and Management of Male Factor Infertility
- 10:45 – 11:15 a.m. Tracy Bale, Ph.D., University of Maryland
Paternal Stress and Epigenetic Programming of Offspring Development
- 11:15 – 11:45 a.m. Janice Bailey, Ph.D., Laval University, Canada
A Father's Legacy: The Impact of the Paternal Environment on Future Generations
- 11:45 a.m. – 12:45 p.m. Lunch – Cafeteria
- 12:45 – 1:45 p.m. **Poster Session** – Lobby
- 1:45 – 2:30 p.m. **KEYNOTE TWO**
Martin Matzuk, M.D., Ph.D., Baylor College of Medicine
Genetic and Small-Molecule Approaches in Reproductive Medicine
- 2:30 – 3:00 p.m. Blanche Capel, Ph.D., Duke University
DND1 and the Road to Testicular Teratomas
- 3:00 – 3:15 p.m. Break
- 3:15 – 3:45 p.m. Chris Geyer, Ph.D., East Carolina University
RA Responsiveness Regulates the Fate of Mammalian Spermatogonia
- 3:45 – 4:15 p.m. Jannette Dufour, Ph.D., Texas Tech University
Immune Regulation by Testicular Sertoli Cells
- 4:15 – 4:45 p.m. Tony De Falco, Ph.D., Cincinnati Children's Hospital
Blood Vessels: A Driving Force in Fetal Leydig Cell Development
- 4:45 p.m. Closing Remarks: Humphrey Yao, Ph.D., and Phyllis Leppert, M.D., Ph.D.

<http://championfund.org>

Individuals with disabilities who need accommodation to participate in this event should contact Humphrey Hung-Chang Yao at (919) 541-1095 or humphrey.yao@nih.gov. TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.

Any individual seeking access to the NIH campus will need to be prepared to **show a photo ID** (e.g., driver's license, or a company, government, or university ID) and **provide either a copy of this flyer or pertinent information about the event.**