April 20, 2022
BRB II/III
Auditorium and Lobby
421 Curie Blvd., Phila., PA 19104
1:00 P.M. – 6:00 P.M.

1:00-1:15 Opening Remarks Jerome F. Strauss, III, MD, PhD
1:15-1:45 P. Jeremy Wang, MD, PhD
Regulation of spermatogenesis by chromatin remodeling factor MORC2
1:45-2:15 Virtual Speaker Gregory S. Kopf, PhD
21st Century opportunities for reproductive biology to deliver innovative family planning products for the global community
2:30 Lacey Luense, PhD (postdoc Berger Lab)
Investigating the effects of abnormal sperm histone retention on preimplantation embryo development
2:45 Rexxi Prasasya, PhD (postdoc Bartolomei Lab)
Investigating active demethylation pathways in male germline epigenetic reprogramming using novel Tet1 mouse mutants
3:00 Huijuan Lin, PhD (Visiting Scholar Wang Lab)
Role of novel XY chromatin-associated factors in spermatogenesis
3:15 Natalie Trigg, PhD (postdoc Conine lab)
Epididymal acquired sperm RNAs and male fertility
3:30-3:45 James A. Foster, PhD
A simple question with a complicated answer: What’s the G protein-coupled receptor GPR56 doing in male reproduction?
3:45-4:00 Regina M.O. Turner, VMD, PhD
Horses: Expensive, inefficient, and poorly controlled models for studying testicular aging
4:00-4:15 Kristin Bircsak, PhD
The role of AHR in TCDD-mediated sex ratio distortion
4:15-4:30 Melissa L. Vadnais, VMD, PhD
Flagellar structure and function
4:30-5:00 Mariano G. Buffone, PhD
Dynamic changes in the mouse sperm midpiece during fertilization
5:00 Closing remarks George L. Gerton, PhD

Sponsored by
Center for Research on Reproduction and Women's Health
Department of Obstetrics and Gynecology
Perelman School of Medicine at the University of Pennsylvania

Wine and Cheese Reception to follow
Registered Guests only