RDSP 5th Annual Research Day Agenda
Thursday April 14th, 2022
Time: 8:30 AM - 4:30 PM
Interdisciplinary Science & Technology Building (ISTB)
Main atrium (Room 1404)
766 Service Rd., E. Lansing, MI  48824

8:30 – 8:54  Registration, Poster Set-up, and Spartan Breakfast

8:55  
Opening Remarks  Dr. Keith Latham

Session 1:  Gonad, Gamete, Stem Cell, & Embryo Biology
Moderator:  Noura Massri, Grad | Cell and Molecular Biology Program

9:00  Wei Chen -  Mitochondrial regulation during spermatogonial differentiation

9:15  Robin Kruger -  Characterizing the role of Bone Morphogenetic Protein signaling in early murine embryonic development

9:30  Jeffrey Mann -  Intrinsic Expression of RNF216 in Male Germ Cell Populations is Required for Spermatogenesis and Fertility

9:45 -10:30  Coffee Break  Poster Session 1
ODD numbered posters #1 - #15

10:30 - 12:00  Keynote Lecture:  Dr. Eli Adashi, Brown University
Professor of Medical Science; Former Dean of Medicine and Biological Sciences

"Heritable Human Genome Editing: So Near and Yet So Far."
Introduced at 10:30 by Dr. Keith Latham

ZOOM Link:  https://msu.zoom.us/j/93732302098; Passcode: RDSP

12:00 - 1:30  Grand Traverse Pie Co Boxed Lunches
Session 2: Maternal and Environmental Impacts on Development, & Developmental Origins of Health and Disease
Moderator: Brad Ryva, Grad/ Pharmacology & Toxicology

1:30 Morgan Collins - A Murine Model of Long-term Vaginal Colonization and Subsequent Pregnancy to Study GBS Disease

1:45 Maria Kloboves - Associations of maternal obesity with newborn reproductive markers

2:00 Thu Duong - Addressing the lack of endogenous melatonin in B6 mice in uterine function in pregnancy: comparative study in mice with and without endogenous melatonin and its impact on drug efficacy

2:15 - 3:00 Poster Session 2
EVEN NUMBERED POSTERS #2-#14

Session 3: Women’s Health, Gynecologic Pathologies and Maternal-Fetal Interactions
Moderator: Maria Kloboves, Grad | Human Nutrition & Environmental Toxicology

3:00 Megan Crawford - Relationship between parity and reproductive disease in managed African Painted Dogs (Lycaon pictus)

3:15 Ryan Marquardt - Endometrial epithelial ARID1A is required for uterine immune homeostasis during early pregnancy

3:30 Noura Massri - Role of Prostaglandins in Peri-implantation Uterine 3D Structure and Function

3:45 Coffee Break/ Judge deliberations

4:00 Awards Ceremony for Best Poster/Best Oral Presentation
Hosted by Trainee Organizing Committee

4:25 Closing Remarks Dr. Asgi Fazleabas

4:30 Poster take down