Registration Deadline
April 17, 2023
https://events.anr.msu.edu/RDSPARD2023/

The 6th Annual Reproductive and Developmental Sciences Program Research Day

Interdisciplinary Science and Technology Building (ISTB)
766 Service Rd, East Lansing, MI 48824, USA

April 25th, 2023

Sponsored by

[Logos of Michigan State University and Office of Research and Innovation]
RDSP 6th Annual Research Day Agenda

Tuesday, April 25th, 2023
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, PhD Candidate, Cell and Molecular Biology Program

9:00  Robin Kruger - Uncovering the role of Bone Morphogenic Protein signaling in early murine embryogenesis

9:15  Jeffrey Mann - Disruption of Catalytic RING2 Domain in Murine RNF216 Impairs Male Fertility

9:30  Hanben Wang - Properly balanced process of mitofusion and fission are essential for spermatogonial differentiation

9:45 -10:30  Coffee Break  Poster Session 1
ODD numbered posters #1 - #21

10:30 - 12:00  Keynote Lecture: Dr. Hugh Taylor, MD; Yale School of Medicine
Anita O'Keefe Young Professor of Obstetrics, Gynecology, and Reproductive Sciences and Professor of Molecular, Cellular, and Developmental Biology; Chair, Obstetrics, Gynecology & Reproductive Sciences; Chief of Obstetrics and Gynecology, Yale-New Haven Hospital

"Endometriosis: A chronic systemic disease"
Introduced at 10:30 by Dr. Keith Latham

12:00 - 1:30  Grand Traverse Pie Co Boxed Lunches
• EAC and T32 Trainees Lunch in Rm 1108 ISTB
Session 2: Maternal and Environmental Impacts on Development, & Developmental Origins of Health and Disease  
Moderator: Maria Kloboves, PhD Student, Dept. of Food Sci & Human Nutrition

1:30  Norman Chamusah - Sex differences in placental pathology of a New York City based cohort from 2010 to 2015

1:45  Brad Ryva - Associations of endocrine disrupting chemical mixtures with maternal testosterone levels in pregnancy

2:00  Dejin Zheng - Modeling Nut carcinoma using genetically modified mouse model

2:15 - 3:00  Poster Session 2  
EVEN numbered posters #2-#14

Session 3: Women’s Health, Gynecologic Pathologies and Maternal-Fetal Interactions  
Moderator: Brad Ryva, DO/PhD Candidate, Pharmacology and Toxicology

3:00  Hilary Skalski - Understanding the impact of high-fat diet (HFD) induced obesity on endometrial hyperplasia

3:15  Allison Swider - Endometriotic Spheroids as a Model for Identifying Novel Therapeutics for Endometriosis

3:30  Morgan Collins - Impact of Seminal Vesicle Fluid on Group B Streptococcus Vaginal Colonization During Pregnancy

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