



# Animal Molecular & Cellular Biology Seminar Series

## Fall 2023

3PM Rm 201 Dairy Science

ANIMAL MOLECULAR  
AND CELLULAR BIOLOGY

Date	Speaker	Affiliation	Topic
25 August (12 PM)	Haipeng Yu	Dept. of Animal Sciences, University of Florida	Development of User-Friendly Open-Source Computer Vision Tools for Animal Science Research
1 September	Linkai Zhu	Dept. of Animal Sciences, University of Florida	High-Resolution Ribosome Profiling Reveals Translational Selectivity for Transcripts in Bovine Preimplantation Embryo Development
8 September	Muhammad Sohail Siddique	Dept. of Animal Sciences, University of Florida	Biological Consequences of Environmental Stressors on Postejaculatory Sperm Function
15 September	Michelle L. Gumz	Dept. of Physiology and Aging, University of Florida	Using Diverse Rodent Models to Understand the Circadian Clock in the Kidney and Cardiovascular System
22 September (12 PM)	Yufen Li	Dept. of Animal Sciences, University of Florida	Loss of Mitochondrial Protein LETMD1 Induces Fatty Liver
29 September	Zaeem Sarwar	Dept. of Animal Sciences, University of Florida	Exploring the Impact of Rumen-Protected Arginine on Dairy Cow Reproduction
6 October			Homecoming
13 October			ANS Symposium
20 October (12 PM)	Chen Chen	Dept. of Animal Sciences, Michigan State University	PIWI-interacting RNAs: Small RNAs With Big Functions in Reproduction and Fertility
27 October	Abdul Waheed	Dept. of Animal Sciences, University of Florida	Remodeling of the Uterine Luminal Metabolome During Embryo Elongation Phase in Beef Cattle
3 November	Cameron A. Schmidt	Dept. of Biology, East Carolina University	Rethinking Sperm Energy Metabolism- How the Nutrient Microenvironment 'Signals' Capacitation
10 November			Veterans Day
17 November	Gabriela Macay	Dept. of Animal Sciences, University of Florida	Semen Components: Exploring Effects on the Bovine Endometrium and Oviduct
24 November			Thanksgiving
1 December	Samantha Brooks	Dept. of Animal Sciences, University of Florida	AI approaches Locomotor Phenotyping in Livestock