



Animal Molecular & Cellular Biology Seminar Series

Spring 2024

3PM Rm 201 Dairy Science

ANIMAL MOLECULAR
AND CELLULAR BIOLOGY

Date	Speaker	Affiliation	Topic
15 January (9AM)	Amélie Bonnet-Garnier	INRAE, BREED, Université Paris-Saclay	Distribution and Remodeling of Epigenetic Marks During Early Development of the Bovine Embryo
19 January (12 PM)	Ahmad Fraz	Dept. Animal Sciences, University of Florida	Effect of Supplementing Rumen Protected Arginine Supplementation on Immunity and Health Status of Transition Dairy Cows
26 January	Masroor Sagheer	Dept. Animal Sciences, University of Florida	Consequences of Variation in Methionine Concentrations on Development of the Bovine Embryo In Vitro
2 February	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
9 February	Maura McGraw	Dept. Animal Sciences, University of Florida	Expanding Embryo Models of Early Placental Formation
16 February (12 PM)	Firmansyah Tri Saputra	Dept. Animal Sciences, University of Florida	?????
23 February	Phillip Peixoto	Dept. Large Animal Clinical Sciences, University of Florida	Use of Automated Monitoring Devices to Characterize Estrous Cyclicity Postpartum in Lactating Dairy Cows
1 March	Valérie de Crécy-Lagard	Dept. Microbiology and Cell Science, University of Florida	Using Comparative Genomics to Link Gene and Function: How to Improve the Annotation Status of Sequenced Genomes
8 March (12 PM)	Matthew B. Thomas	Dept. Entomology, University of Florida	Influence of Temperature on the Transmission of Vector-Borne Disease
15 March			Spring Break
22 March (12 PM)	Christiaan Leeuwenburgh	Dept. Physiology and Aging, University of Florida	“Fountains of Youth” Discovered through the Biology of Aging
29 March (12 PM)	Xing Fu	School of Animal Sciences, Louisiana State University	Regulation of Adipogenesis and Fibrogenesis
5 April	Linkai Zhu	Dept. of Animal Sciences, University of Florida	Maternal Restricted- and Over-Feeding During Gestation Perturb Offspring Sperm Epigenome in Sheep
12 April	Itzhak Mizrahi	Dept. of Life Sciences, Ben-Gurion University of the Negev	Can The Rumen Microbiome Be Manipulated to Enhance Feed Efficiency in Dairy Cows?
19 April (12 PM)	Qi Chen	Molecular Medicine Program, University of Utah School of Medicine	Understanding the ‘Sperm RNA Code’ for Epigenetic Inheritance with Emerging Tools