



ANIMAL MOLECULAR
AND CELLULAR BIOLOGY

Animal Molecular & Cellular Biology Seminar Series Spring 2026

3 PM, Rm 201 Dairy Science

Date	Speaker	Affiliation	Topic
16 Jan	Elias Sayour	Dept of Neurosurgery, University of Florida	Therapeutic mRNA Cancer Vaccines
23 Jan	Nadja Makki	Dept. of Physiology and Aging, University of Florida	Genetics of Adolescent Idiopathic Scoliosis: A Curving Journey Toward a Mechanism
30 Jan	Abdel Alli	Dept. of Medicine, University of Florida	Calcium Oxalate Crystal Induced Kidney Injury: Interrogating Molecular Mechanisms in Inner Medullary Collecting Duct Cells
6 Feb	Xiaofei (Bai) Bai	Dept. of Biology, University of Florida	Modeling Rare Genetic Diseases in the Nematode Model <i>Caenorhabditis elegans</i> : From Genetics to Mechanism
13 Feb	Mariana Wolfner	Dept. of Molecular Biology and Genetics, Cornell University	Molecular Changes in Gametes and Females are Essential for Fertility: Lessons from the Drosophila Model
20 Feb	Peter E. Kima	Dept. of Microbiology and Cell Science, University of Florida	The ESCRT Machinery is a Viable Target for Visceral Leishmaniasis Disease Mitigation
27 Feb	Zaeem Sarwar	Dept. of Animal Sciences, University of Florida	Genomic Breeding Values for Fertility Influence Reproductive Responses in Dairy Cows
3 Mar (Tuesday)	Abigail Sproull	Dept. of Animal Sciences, University of Florida	Alterations of Lipid Biochemistry by Choline in the Preimplantation Bovine Embryo
6 Mar	Nick Kertz	Dept. of Animal Sciences, University of Florida	Endometrial Responses to <i>Trueperella</i> <i>pyogenes</i> and Heat Stress in Dairy Cows
13 Mar	Zhenqi Zhou	Division of Endocrinology, University of California - Los Angeles	Role of <i>Drp1</i> in Maintaining Muscle Mass
20 Mar	-	-	Spring Break
27 Mar	Ryan Crislip	Dept. of Physiology and Aging, University of Florida	Taking Time to Understand Kidney Function
3 Apr	Yumei Zhou	Dept. of Animal Sciences, University of Florida	Epigenetic Regulation of Steatohepatitis by Double PHD Fingers 2 (DPF2)
10 Apr	Sriniwas Pandey	Dept. of Animal Sciences, University of Florida	A Shotgun Metagenomic Approach to Identify Rumen Microbiome Features Associated with Methane Emissions
17 Apr	Luiz Passalacqua	Dept. of Microbiology and Cell Science, University of Florida	Structure-Function of Nucleic Acids - From Bacteria to Humans

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