



**ANIMAL MOLECULAR
AND CELLULAR BIOLOGY**

Animal Molecular & Cellular Biology Seminar Series Fall 2022

3PM Rm 201 Dairy Science
([Zoom ID: 958 6508 1940](#))

Date	Speaker	Affiliation	Topic
9 Sept	Firmansyah Tri Saputra	Dept Animal Sciences, University of Florida	Effect of heat stress mitigation on mammary immunity of lactating dairy cows.
16 Sept (12 PM)	Yuting Zhai	Dept Animal Sciences, University of Florida	Machine learning reveals that prophages drive host adaptation of Methicillin-resistant <i>Staphylococcus aureus</i> .
23 Sept	Phillip Peixoto	Dept Large Animal Clinical Sciences, University of Florida	Conceptus length on day 17 of gestation is associated with endometrium and conceptus transcriptome in dairy cows.
30 Sept	Huijia Liu	Dept Animal Sciences, University of Florida	Effects of bovine hindgut microbiota on carcass traits.
7 Oct	ANS Symposium		NO SEMINAR
14 Oct	Jose Ignacio Aguirre	Dept of Physiological Sciences, University of Florida	Medication-related osteonecrosis of the jaw (MRONJ): Pathophysiology, prevention, and treatment.
21 Oct	Daniel Stanton	Dept of Animal Sciences, University of Florida	What makes an animal tick: The evolution and integration of the circadian clock across the animal lineage.
28 Oct (12 PM)	Simon Lillico	Roslin Institute, University of Edinburgh	Editing livestock genomes.
4 Nov	Patricia Morris	Laboratory of RNA Molecular Biology, The Rockefeller University	Leveraging Science, Advocacy, Outreach, and Partnerships: Strategic Opportunities to Advance Science, OneHealth and the Environment
11 Nov	Memorial Day		NO SEMINAR
18 Nov	Maura McGraw	Dept Animal Sciences, University of Florida	A CRISPR approach in uncovering the PPARG pathway in bovine preimplantation embryo development.
25 Nov	Thanksgiving		NO SEMINAR
2 Dec	Thomas Burris	Genetics Institute, University of Florida	Developing drugs to target nuclear receptors.