



**ANIMAL MOLECULAR  
AND CELLULAR BIOLOGY**

# Animal Molecular & Cellular Biology Seminar Series Spring 2022

3PM Rm 201 Dairy Science  
([Zoom ID 977 8422 6293](#))

Date	Speaker	Affiliation	Topic
21 January (12 PM)	Mario Binelli	Dept of Animal Sciences, University of Florida	Uterine function and fertility in beef cattle.
28 January	Ali Husnain	Dept of Animal Sciences, University of Florida	Exploring molecular and cellular processes of compromised fertility caused by uterine inflammation in dairy cows.
4 February	Froylan Sosa Hernandez	Dept of Animal Sciences, University of Florida	Genetic and physiologic adaptations to reduce consequences of stress on cell function: the PRLR and CSF2 stories.
11 February	Efstathios Sarmikasoglou	Dept of Animal Sciences, University of Florida	Ruminal lipopolysaccharides and feed additives on ruminal fermentation.
18 February (12 PM)	Claire Wathes	Dept of Pathobiology and Population Sciences, The Royal Veterinary College	Fertility, metabolism and infection in dairy cows – a journey through a lifetime.
25 February	Wipawee Winuthayanon	College of Veterinary Medicine, Washington State University	Steroid actions in the oviduct & novel non-hormonal contraceptive discovery.
4 March	Gabriela Macay	Dept of Animal Sciences, University of Florida	Effects of seminal plasma on the endometrial transcriptome, fetal development and subsequent postnatal phenotype of offspring.
18 March (12 PM)	George Garinis	Institute of Molecular Biology & Biotechnology, Foundation for Research & Technology - Hellas	DNA damage & innate immune responses in health and disease.
25 March (12 PM)	Feng Yue	Dept of Animal Sciences, University of Florida	Molecular regulation of adipocyte metabolism and thermogenic function.
1 April	Aria Eshraghi	Dept of Infectious Diseases & Immunology, University of Florida	'Tails' of a bacterial secretion system.
8 April	Yuhan Wen	Dept of Animal Sciences, University of Florida	A novel strategy of single-dose vaccination to enhance the long-term protection: Controlled release microparticles.
15 April	Chris Tuggle	Dept of Animal Sciences, Iowa State University	Investigating the porcine immune system at single cell resolution.