



ANIMAL MOLECULAR  
AND CELLULAR BIOLOGY

# Animal Molecular & Cellular Biology Graduate Program Fall 2020

3PM ([Zoom ID 936 6097 8483](#))

Date	Speaker	Affiliation	Topic
September 4	Rhonda Bacher	Dept. of Biostatistics (UF)	Design and analysis of single cell RNA sequencing experiments.
* September 8 (Tuesday @ 12PM)	Alice Denton	Dept. of Immunology and Inflammation, Imperial College London	Stromal cell regulation of the germinal center response in ageing.
September 18	Surawich Jeensuk	Dept. of Animal Sciences (UF)	Maternal-embryonic communication: The role of WNT signaling in the preimplantation period.
September 25	Daniel Stanton	Dept. of Animal Sciences (UF)	Using a CRISPR fluorescent protein knock-in approach to understand circadian clock protein translocation with spatiotemporal resolution.
October 9	Daniel Mathew	Dept. of Animal Science, University of Tennessee	The elongating cow conceptus microenvironment: Zooming in on the endometrium.
* October 16 (Friday @ 12PM)	Adrian Liston	The Babraham Institute, Cambridge	Harnessing brain Tregs to prevent neuroinflammatory damage.
* October 20 (Tuesday @ 9AM)	Maria Belen Rabaglino	Dept. of Applied Mathematics and Computer Sciences, Technical University of Denmark	Application of machine learning tools to identify biomarker genes predicting uterine receptivity in the cow.
October 23	Yuhan Wen	Dept. of Animal Sciences (UF)	Controlled release microparticles to enhance the long- term efficacy of single-dose immunizations.
* October 27 (Tuesday @ 3PM)	Roney Zimpel	Dept. of Animal Sciences (UF)	Effect of level of dietary cation-anion difference during prepartum period on nulliparous cow performance, energy, and mineral metabolism.
October 30	Ana Conesa	Dept. of Microbiology & Cell Science (UF)	Multomic and long reads technologies in genomics research.
November 6	Froylan Sosa Hernandez	Dept. Animal Sciences (UF)	Colony stimulating factor 2 as a cell survival factor for the preimplantation bovine embryo.
* November 13 (Friday @ 12PM)	Constantine Simintiras	Division of Animal Sciences, University of Missouri	The biochemistry of bovine conceptus elongation.
November 20	Ali Husnain	Dept. of Animal Sciences (UF)	Exploring molecular and cellular processes of compromised fertility caused by uterine inflammation in dairy cows.
December 4	Michael Poindexter	Dept. of Animal Sciences (UF)	Genetic association of colostrum production and its effects on postpartum performance in Holstein dairy cows.