

## Fall 2021 GRADUATE STUDENT SEMINARS

Thursdays at noon, 215 VSB and  
Zoom <https://umn.zoom.us/j/95572941325>

| Sept 9  | CVM Graduate Programs 3 Minute Thesis Competition  |
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| Sept 16 | <b>Kirsten Dimmler</b> "Development of a comprehensive diagnostic assay for Recurrent Exertional Rhabdomyolysis in horses"<br><b>Dr. Naraya Oliveira</b> "The role of the brain-sympathetic-gut microbiome in hypertension"  |
| Sept 23 | <b>Jonah Cullen</b> "A draft RNA-seq atlas of gene expression in healthy Quarter Horses"<br><b>Dr. Marissa Milstein</b> "A metatranscriptomic approach to parasitic, viral, and bacterial surveillance in hunter harvested primates in an indigenous reserve in Guyana, South America"                           |
| Sept 30 | <b>Nakaran Pamornchainavakul</b> "Using viral genetic and animal movement data to construct PRRSV transmission networks"<br><b>Nicole Emmitt</b> "Macrophage activation following mild TBI is associated with enhanced rewarding effects of opiates"   |
| Oct 7   | <b>Dr. Daniella Schettino</b> "Enhanced passive surveillance for African swine fever and Classical swine fever"<br><b>Evan Kipp</b> "A sequence-based surveillance approach using nanopore adaptive sampling to characterize microbial diversity of tick-borne pathogens"  |
| Oct 14  | <b>Abigail Johnson</b> "Identifying defined probiotics for use in commercial poultry"<br><b>Dr. Felipe Pena Mosca</b> "Novel alternatives for mastitis treatment and prevention on organic dairy farms"  |
| Oct 21  | <b>Dr. Guilherme Milanez Preis</b> "Evaluation of biosecurity procedures to prevent indirect transmission of Senecavirus A"<br><b>Dr. Annette Ahlmann</b> "Evaluating behavioral indications of acute stress in red-tailed hawks"  |
| Oct 28  | <b>Manci Li</b> "Self-organized emergence of hyaline cartilage in hiPSC-derived multi-tissue organoids"<br><b>Shania Vel Sanchez</b> "The role of TrkA signaling in Coronavirus infection"   |
| Nov 4   | <b>Ashley Auerbach</b> "Mechanisms of APOBEC3B nuclear localization"<br><b>Dr. Lan Wang</b> "Preventing particle bounce while preserving viability of virus-laden particles to improve the characterization of infectious aerosols"  |
| Nov 11  | <b>Phoebe Strell</b> "Generating exogenic organs and cells - the need to improve interspecies chimeric competency"<br><b>Dr. Susan Arnold</b> "Investigation of the tumor microenvironment and peripheral immune response in French bulldogs with high grade gliomas"  |
| Nov 18  | <b>Colby Feser</b> "Recombinant production of coagulation peptides"<br><b>Cipriano de Abreu</b> "Characterization of a <i>Mycoplasma hyopneumoniae</i> aerosol infection model in pigs"  |
| Nov 25  | Happy Thanksgiving!  |
| Dec 2   | <b>Sophia Wenthe</b> "Research Rotation Summary"<br><b>Sierra Palmer</b> "Research Rotation Summary "  |
| Dec 9   | <b>Haeree Park</b> "Characterization of CD4 <sup>+</sup> T cell-mediated autoreactivity in a novel canine Addison's Disease model"<br><b>Kelsie Becklin</b> "Using ancestry-informed human induced pluripotent stem cells modeling to elucidate molecular underpinnings EWX/FLI transformation in Ewing sarcoma" |

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