



MMI 291 Seminar Series

Current Theme: Interdisciplinary Research

Spring Quarter 2021 – **CRN 51367**

Friday Seminar – 12:10-1 p.m.



“SARS-CoV-2 infection and evolution in companion animals: Implications for variant emergence”

Research / Bio

Dr. VandeWoude is a veterinary virologist recognized for her studies of feline retroviruses. She attained her BS from California Institute of Technology, completed her DVM at Virginia-Maryland College of Veterinary Medicine, and conducted a postdoctoral fellowship in Comparative Medicine at The Johns Hopkins University School of Medicine. She has served as President of ASLAP and ACLAM, Chair of the NIH Veterinary Subcommittee of the Physician Scientist Workforce Report and AAVMC Research Committee, Member, AVMA Council of Research and Veterinary Virology Councilor for ASV. She was elected to the National Academy of Sciences in 2019. VandeWoude is currently University Distinguished Professor and Director of the One Health Institute at Colorado State University.



Susan VandeWoude, DVM
Professor Microbiology,
Immunology and Pathology
Colorado State University

Publications

Sue VandeWoude, Laura Bashor, Roderick B. Gagne, Angela Bosco-Lauth, Richard Bowen, Mark Stenglein. *SARS-CoV-2 evolution in animals suggests mechanisms for rapid variant selection*. bioRxiv. 2021 March; doi: <https://doi.org/10.1101/2021.03.05.434135>

Sue VandeWoude, Angela M. Bosco-Lauth, Airm E. Hartwiga, Stephanie M. Portera, Paul W. Gordya, Mary Nehringa, Alex D. Byasa, Izabela K. Ragana, Rachel M. Maisona and Richard A. Bowena. *Experimental infection of domestic dogs and cats with SARS-CoV-2: Pathogenesis, transmission, and response to reexposure in cats*. 2020 Aug <https://www.pnas.org/content/pnas/117/42/26382.full.pdf>

Sue VandeWoude, Justin Lee, Jennifer L. Malmberg, Britta A. Wood, Sahaja Hladky, Ryan Troyer, Melody Roelke, Mark Cunningham, Roy McBride, Winston Vickers, Walter Boyce, Erin Boydston, Laurel Serieys, Seth Riley, Kevin Crooks, *Feline Immunodeficiency Virus CrossSpecies Transmission: Implications for Emergence of New Lentiviral Infections*. Journal of Virology. 2016 Dec <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5309969/pdf/e02134-16.pdf>

April
9

**April 9, 2021
12:10 – 1 p.m.
ZOOM Meeting**

Medical Microbiology
& Immunology
School of Medicine

Seminar Contact:
Autumn Vega
530-752-9401
advega@ucdavis.edu

We hope to see you there!