MMI 291 Seminar Series
Current Theme: Interdisciplinary Research
Winter Quarter 2022 – CRN 33311

Friday Seminar – 12:10-1 p.m.

“Smallpox Preparedness. Use of live Variola virus to determine whether humanized mice are a suitable animal model for human smallpox”

Research / Bio
Dr. Christina (Christy) Hutson received her M.S. at the University of Georgia within the College of Veterinary Medicine (Physiology and Pharmacology Department) and her Ph.D. also from the University of Georgia within the College of Veterinary Medicine (Pathology Department). Currently Dr. Hutson is the Team Lead of the Virus-Host Molecular Interactions (VHMI) Team within the Poxvirus and Rabies Branch (PRB) within Division of High Consequence Pathogens and Pathology (DHCPP) where she is responsible for mentoring and overseeing the research of ten scientists, focusing on both poxvirus and rabies research. The VHMI team performs fundamental research on viral biology including studies of pathogenesis, host-pathogen interaction, vaccine efficacy, and novel therapeutic (in vitro and in vivo) efficacy studies. This team also serves the core group of individuals that performs training and experiments within the high-containment laboratory (BSL3 and BSL4).

Publications

Christina L. Hutson, Ashley V. Kondas, Mathew R. Mauldin, Jeffrey B. Doty, Irma M. Grossi, Clint N. Morgan, Sharon Dietz Ostergaard, Christine M. Hughes,Yoshinori Nakazawa, Chantal Kling, Brock E. Martin, James A. Ellison, Darin D. Pharmacokinetics and Efficacy of a Potential Smallpox Therapeutic, Brincidofovir, in a Lethal Monkeypox Virus Animal Model. mSphere Feb 2021, 6 (1) e00927-20; DOI: 10.1128/mSphere.00927-20