Vet-LIRN FY 2023 Accomplishment Highlights

Consumer Complaints

Conducted in-depth follow-up of 65 consumer complaints

Updated network procedure document for owners

Active role in equine Botulism outbreak investigation, including ID of goat tissue leading to contamination event

Conducted follow-up to support recall of commercial dog food for excess vitamin D

Vet School Outreach

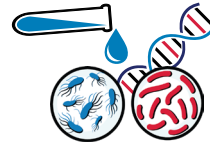Delivered 2 presentations to students at veterinary schools on CVM and Vet-LIRN mission

Highlighted Grant Accomplishments

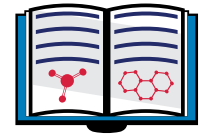Antimicrobial stewardship resources shared online

Total of 5,350 animal samples screened for SARS-CoV-2 from 15 different species since 2021

AMR Updates

From 2017-2023, antimicrobial susceptibility testing on >22,000 isolates and whole genome sequencing on >8,000 isolates

2020 Animal Pathogen AMR Data Report published

Proficiency Exercises

All 4 participating labs successfully detected melamine and cyanuric acid in canine kidney

83% correct detection of SARS-CoV-2 at low levels in transport media and 89% correct detection at high levels in feline fecal matrix

93.3% accuracy at 10 cfu/g across all methods for detection of *Salmonella* in bovine intestinal scrapings

Publications

Successful Detection of Delta and Omicron Variants of SARS-CoV-2 by Veterinary Diagnostic Laboratory Participants in an Interlaboratory Comparison Exercise

Blinded Method Tests

5 blinded method tests completed: 1 micro, 1 chem, 3 COVID

Network Updates

protocols.io

10 protocols published publicly and 21 protocols drafted with 130 lab members added to protocols.io workspace

University of Arizona Veterinary Diagnostic Lab joined as the newest network member for a total of 47 laboratories

Held second annual New Member Orientation with participation from >40 laboratory members