

# Vet-LIRN FY 2025 Accomplishment Highlights



[Manuscript](#) published to celebrate 15 years of VET-LIRN promoting human and animal health



## Program Milestone



200 total consumer complaints reviewed



95 in-depth consumer complaint follow-ups



Active role in FDA's Highly Pathogenic Avian Influenza (HPAI) [outbreak response](#)

## Consumer Complaints



[Genomic snapshot of \*Klebsiella\* spp. isolates from clinically ill animals reveal diverse lineages with limited relatedness to human isolates](#)



[Population and pan-genomic analyses of \*Staphylococcus pseudintermedius\* identify geographic distinctions in accessory gene content and novel loci associated with AMR](#)



[A novel proficiency test to assess the animal diagnostic investigation process in identifying an unknown toxicant](#)

## Notable Publications



Two BMTs were completed: vitamins A/E/D in liver, and cannabinoids in bovine milk

## Blinded Method Tests



Held HPAI interlaboratory comparison exercise with NAHLN, ICLN, USGS



Offered a Whole Genome Sequencing proficiency test with NAHLN, FERN, and ICLN



*Salmonella* in fecal samples PT: 100% correct detection across molecular methods and 95.2% correct detection across culture methods

## Network Proficiency Tests



26 total protocols available publicly on [Protocols.io](#)



Tuskegee University joined as the newest network member for a total of 48 laboratories

## Network Updates



Assisted CDC and state partners with animal clinical sample testing for *Salmonella* (4 chickens, 1 bearded dragon) and *Campylobacter* (8 dogs), linking 3 samples to human outbreaks

## Interagency Collaborations



Hosted a vet student extern and delivered 2 outreach presentations to students at vet schools

## Outreach & Presentations



Gave >10 scientific presentations to various audiences



From 2017-2025, AST on >30,000 isolates and WGS on >8,500 isolates

## AMR Updates



Vet-LIRN *Salmonella* Enteritidis isolates included in the [NARMS Interim Data Report](#)