

# CLSI VAST Update

Robert Bowden  
University of Florida Veterinary Diagnostic Laboratories  
June 5, 2018

# Active VAST Working Groups

- Aquaculture WG
- Bovine Mastitis Interpretive Criteria WG
- Education WG
- Editorial/Breakpoint Tables WG
- ECV-AMR WG
- Generics WG
- PK-PD WG
- Topicals WG
- VET02 WG
- Veterinary Fastidious Media WG

# Active VAST Working Groups

- Aquaculture WG
- Bovine Mastitis Interpretive Criteria WG
- Education WG
- Editorial/Breakpoint Tables WG
- ECV-AMR WG
- Generics WG
- PK-PD WG
- Topicals WG
- VET02 WG
- Veterinary Fastidious Media WG

# VET01

- Veterinary equivalent to M02 and M07
- DDC appointed in August 2016
- Extensive revision undertaken with laboratory work flow in mind, essentially a 3-in-1 document, standalone chapters describe methods used to perform disk diffusion testing, BMD testing, agar dilution testing
- Projected publication date: 29 June 2018

# VET08

- Veterinary equivalent to M100
- Informational supplement to VET01 with the new code VET08
- Future editions projected to be released biennially
- Freely available online version at CLSI.org
  - End of 2016: 1,300 unique visitors and 30,000 page hits
  - End of 2017: 2,300 unique visitors and 53,000 page hits
  - 80% of users from outside the US
- New content adapted from M100 for veterinary application:
  - Instructions for Use of Tables including table with new veterinary-specific breakpoints since 2015
  - Appendix A with unusual phenotypes (adapted from M100, Appendix A)
  - Appendix B with intrinsic resistance (adapted from M100, Appendix B)
- New Appendix E with veterinary-specific breakpoints published since 1999
- Projected publication date: 29 June 2018

# VET09

## Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

- A Report with a primary target audience of veterinarians and laboratorians
- DDC formed November 2017
- Representatives from: academia, government, industry, clinical practice
- Project publication: August 2019

# VET09

## Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

Chapter 1: Introduction

Chapter 2: Overview of Factors Affecting Antimicrobial Agent Selection in Animals

Chapter 3: Overview of the Antimicrobial Susceptibility Testing Process

Chapter 4: Typical Antimicrobial Susceptibility Test Reports

Chapter 5: Understanding Approved Species-Specific Breakpoints and Limitations  
to Extrapolating to Other Species

# VET09

## Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

### Chapter 1: Introduction

(scope, background, terminology)

### Chapter 2: Overview of Factors Affecting Antimicrobial Agent Selection in Animals

(general principles of pharmacologic relationships, potential effects of bacterial species similarities and differences on interp. of AST data)

### Chapter 3: Overview of Antimicrobial Susceptibility Testing Process

(flow chart #1: sample collection to veterinarian receiving report,  
flow chart #2: laboratory receipt of sample to reporting of results)

### Chapter 4: Typical Antimicrobial Susceptibility Test Reports

(example reports with notes on reading/interpreting reported data)

### Chapter 5: Understanding Approved Species-Specific Breakpoints and Limitations to Extrapolating to Other Species

(separate subchapters for dogs, cats, horses, cattle, swine)



Thank You