

Antibiotic Council Report

2019 NIAA Annual Conference

Tuesday, April 9, 2019



The Antibiotic Council met on Tuesday, April 9, 2018 from 3:15 to 5:15 p.m. during the 2019 NIAA Annual Conference in Des Moines, Iowa, with approximately 18 people present. Drs. Eric Moore and Rick Sibbel (as a substitute for Leah Dorman) served as Co-Chairs.

The Antibiotic Council session focused on antimicrobial stewardship. Speakers presented relevant information:

- Mr. Eric Grant – Managing Director & Ms. Crystal Albers, Grant Company
 - NIAA Antibiotics Video Analytics & Interviews from Symposium
 - Described the process of developing the One Health series of video interviews
 - Reviewed content of videos produced in part one of the process
 - Part 2 is beginning with 8 more videos to be released
 - Reviewed measurable media impact and provided a comprehensive report
 - Ad spend equivalent approximately \$2 million dollars
 - Future projects should be aimed at disseminating the message to the general public
- Paul Plummer, DVM, Diplomate ACVIM-LA, Diplomate ECSRH – Executive Director, Iowa State University, AMR Research & Education Center
 - National Institute of Antimicrobial Resistance, Research & Education
 - Described the development and possible structure of the Institute
 - Introduced the staff of the NIARRE
 - Outlined the funding structure
 - Invited comments and collaboration
- Scott Dee, DVM – Pipestone Veterinary Services
 - A Randomized Controlled Trial to Evaluate the Performance of Pigs Raised in Antibiotic-Free or Conventional Production Systems Following the Challenge with PRRSV
 - Study was conducted with Zoetis to investigate differences in production between industry standard antibiotic protocols, modified antibiotic protocol and no antibiotic ever protocol.
 - No antibiotic ever protocol had to be discontinued due to animal welfare concerns. The NAE pigs had \$70 less return than the standard protocol
 - The study did evaluate the animal welfare aspect of the study through a questionnaire of the workers
 - The study did support the use of antibiotics in this swine production system
 - The paper is published in open access in the journal PLOSone

Closing comments: There is continued support for the Antibiotic Issues symposium. We are moving forward with the messaging and communications piece of the puzzle.

Old Business: None

New Business: Amended Resolution AB1, reaffirmed all other resolution

Antibiotic Council Session adjourned at 5:08 pm.