

Challenges to Changing Antibiotic Use in Food Animal Production:

Economics, Data, and Policy

National Press Club, Washington, D.C.

September 6-7, 2018

Draft Agenda as of July 19, 2018

Thursday, September 6

- 1:00 p.m. **Welcome**
Stacy Sneeringer, Ph.D., Economic Research Service, USDA
- 1:15 p.m. **Keynote Address**
Mary Bohman, Ph.D., Administrator, Economic Research Service, USDA

Session 1: Impacts of 2017 FDA Antibiotic Use Policies on Producers

Moderator: TBD

- 1:30 p.m. **VFD Implementation Impacted Pig Farmers, Their Veterinarians, and Feed Providers: Perspectives and Lessons Learned**
Lee Schulz, MS, Ph.D.
Associate Professor & Extension Livestock Economist, Iowa State University
- 2:00 p.m. **Experiences of New York State Dairy Farms with VFD Implementation: Perspectives from Farmers and Industry Professionals**
Kelsey O'Shea, Farm Business Management Specialist,
North Country Regional Ag Team, Cornell University
- 2:30 p.m. **Break**
- 2:45 p.m. **Impact of the VFD Changes at the Farm Level**
Phil Durst, Senior Extension Dairy Educator, Michigan State University
- 3:15 p.m. **Impact of FDA Regulations on the Broiler Industry**
H.L. Goodwin, Ph.D., Professor & Poultry Economist, University of Arkansas

Session 2: Evaluating Producer Demand for Antibiotics

Moderator:TBD

- 3:45 p.m. **Managing Derived Demand for Antibiotics in Animal Agriculture**
David Hennessy, Ph.D.
Professor, Department of Agricultural, Food and Resource Economics
Michigan State University
- 4:15 p.m. **Evaluating Animal Health Policies Using Livestock Production Data: Facts, Figures, and Opportunities**
Elliott Dennis, MS, MBA, Department of Agricultural Economics
Kansas State University
- 4:45 p.m. **Recap and overview of Day 1**
- 5:00 p.m. **Adjourn**

Friday, September 7

Session 3: Collection of Data on Antibiotic Sales

Moderator: Jim MacDonald, Ph.D.

Branch Chief; Structure, Technology, and Productivity Branch
Economic Research Service, USDA

- 8:30 a.m. **What Antibiotic Use Data Can and Can't Tell Us**
Mike Apley, DVM, PhD, DACVCP
Frick Professor of Clinical Sciences, College of Veterinary Medicine
Kansas State University
- 9:00 a.m. **Monitoring Antibiotic Use in the Swine Industry**
Peter Davies, BVSc, PhD, Professor
Department of Veterinary Population Medicine, University of Minnesota
- 10:00 a.m. **Break**
- 10:15 a.m. **Characterizing U.S. Animal Drug Consumption by Sales**
Neal Bataller, ME, DVM, Director, Division of Surveillance
Center for Veterinary Medicine, FDA
- 10:45 a.m. **FDA's Proposed Biomass Denominator Method**
Susan Bright-Ponte, DVM, MPH, Diplomate ACVPM
Veterinary Medical Officer, Division of Surveillance
Center for Veterinary Medicine, FDA

11:15 a.m. **Panel: Challenges to Data Collection of Antibiotic Use and Sales**
Mike Apley
Peter Davies
Neal Battaler
Susan Bright-Ponte

12:00 p.m. **Lunch**

Session 4: Impacts of Veterinary Feed Directive Policies on Veterinarians

Moderator: Roxann Brooks Motroni, DVM, PhD
National Program Leader for Animal Health
Agricultural Research Service, USDA

1:00 p.m. **How the VFD Impacted Veterinarians' Bottom Line**
Gail R. Hansen, DVM, MPH, Senior Consultant, Hansen Consultants

1:30 p.m. **Impact of FDA Veterinary Feed Directive Policies on Practicing Veterinarians: Results of a Quantitative Survey**
Cassidy Rist, DVM, MPH
Assistant Professor, Center for Public and Corporate Veterinary Medicine
Virginia-Maryland College of Veterinary Medicine

Session 5: Developing New Animal Pharma Products

Moderator: Cyril Gay, Ph.D.
National Program Leader, Animal Production and Protection
Agricultural Research Service, USDA

2:00 p.m. **Applicability to Animal Pharma of Drug Research and Development Incentive Mechanisms Currently Used in Human Pharma**
Stacy Sneeringer, Ph.D., Senior Research Economist
Economic Research Service, USDA

2:30 p.m. **Antibiotic Stewardship in Animal Agriculture**
Karin Hoelzer, DVM, Ph.D., Senior Officer, Health Programs
Pew Charitable Trusts

3:00 p.m. **Break**

Session 6: Markets for Products Labeled as Raised with Fewer Antibiotics

Moderator: TBD

3:15 p.m. **Structural Challenges of Supplying U.S. Beef Raised with Fewer Antibiotics**
Maria Bowman, Ph.D., Research Economist,
Economic Research Service, USDA

- 3:45 p.m. **Evaluation of Consumer Demand and Price Premiums for Poultry Products Raised Without Antibiotics**
Elina Page, Ph.D., Research Economist, Economic Research Service, USDA
- 4:15 p.m. **Price Premium and Welfare Losses of the ‘Natural’ Label: A Machine-Learning Application**
Gianna Short, Ph.D. Candidate in Applied Economics, University of Minnesota and Pathways Intern, Economic Research Service, USDA
- 4:45 p.m. **Recap and overview of Day 2**
- 5:00 p.m. **Adjourn**

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