

Conference Agenda

Wednesday, August 13

7:30A - Continental Breakfast

8:00 - **WELCOME**

8:10 - **Some things you should know about sow farms...**

Dr. Rob Knox, University of Illinois¹

8:40 - **How protocols in isolation affect performance in collection**

Dr. Ashley Hartman, DNA Genetics²

9:10 - **Environmental impacts on boar development**

Dr. Amy Desaulniers, University of Nebraska³

9:40 - **Break and view exhibits**

10:10 - **The effect of varying feeding strategies on the working boar**

Dr. Taw Scaff, North Dakota State University

10:30 - **What are we (and what should we be) doing about feed contaminants, e.g. mycotoxins?**

Dr. Tim Evans, University of Missouri

11:00 - **Lessons learned from our boar nutrition research program**

Dr. Yan Lin, Sichuan Agriculture University, Chengdu China

11:45 - **Break with lunch at 12:00 noon**

12:45P - **Lab Hygiene: bacterial contamination prevention and response**

Dr. Chris Kuster, Kuster Research and Consulting

1:15 - **Ralstonia picketti: effect of Ralstonia on semen acrosome integrity with and without antibiotics**

Dr. Megan Hood, Reicks Veterinary Research and Consulting

1:45 - **Updating or replacing DI water systems to prevent bacterial contamination issues**

Dr. Darwin Reicks, Reicks Veterinary Research Consulting

2:15 - **Sustainable use of antibiotics in boar semen**

John Quackenbush, Minitube USA⁴

2:45 - **Writing SOPs and having staff follow them**

Dr. Kara Stewart, Smithfield⁵

3:15 - **Break and view exhibits**

3:45 - **What is the lipidome and who cares?**

Dr. Kayla Mills, USDA-ARS

4:15 - **Insect control in the barn (without negatively affecting the boars)**

Dr. Gary Althouse, University of Pennsylvania⁶

4:35 - **Transition to Boar Stud Managers Panel**

5:15 - **BBQ, cash bar and activity at hotel**

Thursday, August 14

7:30A - Continental Breakfast

8:00 - **What the survey says.**

Dr. Tim Safranski, University of Missouri

8:30 - **CASA: Maximizing utility at the boar stud**

Dr. Chris Kuster, Kuster Research and Consulting

9:00 - **Biomarkers of post-thaw motility**

Dr. Kayla Mills, USDA-ARS

9:30 - **From Single Cells to Breeding Success: Modern Approaches in Boar Sperm Quality and Fertility Prediction**

Dr. Karl Kerns, Iowa State University

10:00 - **Break and view exhibits**

10:30 - **Summer and winter truck washing trial: PRRS and PEDv at each step of the process and implications for trucking needs of boar studs**

Dr. Megan Hood, Reicks Veterinary Research and Consulting

11:00 - **When and for what to vaccinate...**

Dr. Gary Althouse, University of Pennsylvania⁶

11:30 - **Updating/remodeling the boar stud facility to consider boar welfare and people safety**

Dr. Darwin Reicks, Reicks Veterinary Research and Consulting

12:00 - **Lunch**

1:00P - **Lessons from evaluating morphology of both live and dead sperm**

Dr. Brad Didion, PIC⁷

1:15 - **Bulk packaging/delivery of semen**

Amanda Minton, AcuFast⁸

1:45 - **Why not use two-step dilution?**

Kristin Foran, Magapor⁹

2:00 - **Why and how to store semen at 5°C**

Dr. Anne Marie Luther, Tierärztliche Hochschule Hannover, Germany⁴

2:40 - **Wrap up and adjourn**

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