

(Note: Please check back for updates on the program and schedule)

## **Pre-AASV Workshop of the USDA Integrated Project for Elimination of PRRS**

### **Friday, March 4**

#### **1:00 pm – 3:00 pm Antivirals as an approach to PRRSV control**

Purpose of meeting: Identify and discuss issues of experimental design, including target cell, virus isolate(s), endpoints, time point(s), solicitation and acceptance of agents, cross-institution validation controls, funding, logistics. Who will be responsible for what.

Moderators: Steve Kleiboeker, Dongwan Yoo

Points for discussion:

- The goal of antiviral therapy – viral clearance or blocking viral transmission?
- Antivirals as tools to understand key aspects of PRRSV replication
- Identification of novel PRRSV antivirals through high-throughput screening
- In vitro and in vivo effects of Pulmontil and tilmicosin on PRRSV replication – the current status
- Application of SARS antiviral research to PRRSV control efforts
- Ongoing or planned antiviral research – experimental design, analysis and interpretation
- Methods of funding for collaborative research

#### **3:30 pm - 4:30 pm. Genetic resistance to PRRS.**

Purpose of meeting: Informational meeting with no action plan anticipated. Doug Smith to present value of haplotyping MHC I locus in experimental pigs. Joan Lunney to present mapping resources at ARS.

Moderators: Michael Murtaugh, Joan Lunney

Topics:

- Mapping resources at Agricultural Research Service, USDA. Joan Lunney, USDA-BARC
- Value of haplotyping the MHC I alleles.
- Collection and preparation of DNA for genetic analysis.

#### **4:30 pm - 5:30 pm. Open forum**

Purpose: Provide for external stakeholder and community input into program project.

### **Saturday, March 5**

#### **8:30 am - noon. Comparative immune protection evaluation study.**

Purpose of meeting: Provide update on collaborative project planning of AASV, NPB, and USDA program project for a comparative study to evaluate efficacy of PRRS vaccine materials.

Moderators: Scott Dee, Eric Neumann, Michael Murtaugh

Topics for presentation and discussion:

- Other Animal Protocol approval
- Definition of project objective and hypothesis
- Trial design and statistical input
- Selection of challenge isolate
- Site of trial
- Source of animals
- Sources of funding
- Call for participants
- Oversight committee

[American Association of Swine Veterinarians Annual Meeting Website](#)  
Agenda, Registration, Hotel information