



Strain Variation/Impacts – Questions for group discussion

September 25, 2014; Rosemont B Conference Room

1. What virus sequencing efforts are countries having detected PEDv or other novel swine enteric coronaviruses undertaking?
 - a. How often are submissions sequenced?
 - b. How are results shared with the international community?
2. Have variations in the sequence of viruses been detected?
3. Have variations in clinical presentations with viruses been observed? What are those observations? A goal might be to try to rate virulence according to virus type; e.g., in the U.S., AH2012 has been (anecdotally) described as more virulent than the OH851 variant
4. How can we best share quickly when new virus sequences are detected?
5. How has strain variation impacted vaccination success? (and vaccine design – e.g., do you pick the most virulent and make a killed vaccine, or do you look for or construct a 'consensus' sequence virus?)