



Join Us at the 22nd NAPRRS/NC229: International Conference of Swine Viral Diseases

For those attending the 2026 NAPRRS/NC229: International Conference of Swine Viral Diseases in Chicago, Illinois on January 16 and 17, we are excited to invite you to support the University of Minnesota! Join us as we present groundbreaking scientific work in collaboration with swine veterinarians, producers and experts from various institutions. Here's the schedule of our presentations:

January 16, Friday:

- **Session 4: SHIC Special Session: Novel Tools & Technologies to Address Emerging Diseases of Swine (Lightning Talks) (13:40)**
 - **Assessing Viral Environmental Contamination in Mortality Management Structures** Rafael Medeiros de Avila Melo
 - **Assessment of Viral Contamination in Trailers During Pig Unloading at a Harvest Facility** Lucas Ferreira
- **Session 5: NC229 Special Session (15:40)**
 - **Station Report** Maxim Cheeran

January 17, Saturday:

- **Session 6: Modes of Virus Transmission and Evolution (Lightning Talks) (9:00)**
 - **Phylogenetic Lineages of PRRSV-2 from Canada Reveal Patterns of Transboundary Spread and Two Novel Sub-Lineages in North America** Joao Paulo Herrera da Silva
 - **Experimental Comparison of Airborne Shedding of Distinct Porcine Reproductive and Respiratory Syndrome Virus Variants** Juan Mena
 - **A novel Nomenclature System Based on Site Polymorphism on Spike Gene Reveals the Evolutionary Pathway of Porcine Epidemic Diarrhea Virus** Mingkai Lei
- **Session 7: Rapid Sensing of Viral Infection and Field Surveillance (10:40)**
 - **PRRSV Variants Under Monitoring (VUM): An Initiative for Proactive Near Real-Time Surveillance**
 - **Lightning Talks**
 - **Evaluation of Manure Pit Agitation and Pumping as a Factor for Porcine Reproductive and Respiratory Syndrome Virus Detection Changes Through Oral Fluids** Marcello Melini
- **Poster presentations (15:35)**
 - **Section 3: SHIC – Novel Tools & Technologies to Address Emerging Diseases of Swine**
 - **#03-04 Assessment of Viral Contamination in Trailers During Pig Unloading at a Harvest Facility** Lucas Ferreira
 - **#03-05 Assessing Viral Environmental Contamination in Mortality Management Structures** Rafael Medeiros de Avila Melo
 - **Section 4: Modes of Virus Transmission and Evolution**
 - **#04-07 Phylogenetic Lineages of PRRSV-2 from Canada Reveal Patterns of Transboundary Spread and Two Novel Sub-Lineages in North America** Joao Paulo Herrera da Silva
 - **#04-08 Timing the Regional Dispersal of PRRSV-2 Variants Across the U.S. to Improve Preparedness** Joao Paulo Herrera da Silva
 - **#04-10 A Novel Nomenclature System Based on Site Polymorphism on Spike Gene Reveals the Evolutionary Pathway of Porcine Epidemic Diarrhea Virus** Mingkai Lei
 - **#04-12 Experimental Comparison of Airborne Shedding of Distinct Porcine Reproductive and Respiratory Syndrome Virus Variants** Juan Mena
 - **Section 5: Rapid Sensing of Viral Infection and Field Surveillance**
 - **#05-05 PRRSV Variants Under Monitoring (VUM): An Initiative for Proactive Near Real-Time Surveillance** Mariana Kikuti
 - **#05-09 Evaluation of Manure Pit Agitation and Pumping as a Factor for Porcine Reproductive and Respiratory Syndrome (PRRS) Virus Detection Changes through Oral Fluids** Marcello Melini
 - **#05-10 Cardiac Puncture Blood Collection as a Practical and Biosecure Method for Postmortem Pathogen Detection in Pigs** Marcello Melini

