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Thermo Fisher Scientific's Innovative Diagnostic Solutions Help Protect Global Swine Industry

Scientific posters presented at ESPHM offer diagnostic advancements

PRAGUE, Czech Republic — (May 3, 2017) — Thermo Fisher Scientific, the world leader in serving science, today presents three scientific posters at the European Symposium of Porcine Health Management (ESPHM), where company scientists will highlight innovative diagnostic solutions designed to help protect the swine industry against the economic impact associated with disease-causing pathogens.

The annual cost of Porcine Reproductive and Respiratory Syndrome (PRRS) alone to the swine industry was estimated to be about [\\$664 million in the United States](#) (Holtkamp et. al., 2013) and [€1.5 billion in Europe](#) (De Paz, 2015).

“Viral swine diseases place a major economic burden on the swine industry, and secondary infections often lead to the use of antimicrobials. The results we will present at the ESPHM demonstrate Thermo Fisher’s dedication to developing practical, accurate solutions for the swine industry,” said Martin Guillet, global head and general manager for AgriBusiness at Thermo Fisher Scientific. “As always, our goal is to enable our customers to make the world healthier, cleaner and safer.”

The three scientific posters presented include:

- **Storage of Porcine Oral Fluid Samples Using [GenoTubes](#)** - confirming its ability to fast dry and stabilize samples and store at room temperature, simplifying transportation. (Poster #HHE-033)
- **Monitoring of European [PRRSv](#) Strains Using Sequencing Technologies** - due to high mutation of circulating PRRSv strains throughout Europe, continuous sequencing of isolates keeps tests up-to-date. (Poster #VVD-026),

- **Detecting Porcine Coronaviruses [PEDV, PDCoV and TGEV](#) by Reverse Transcriptase Real-Time PCR** - sensitivity and specificity of all three porcine coronaviruses in a single reaction assay were tested using environmental samples. (Poster #VVD-057)

Thermo Fisher offers tools that span the full range of diagnostic solutions - from sampling via detection to next-generation sequencing (NGS). These diagnostic tools are aimed at supporting veterinarians and veterinary diagnostic labs to help control disease outbreaks in production animals.

For more information on Thermo Fisher's diagnostic portfolio and to view the poster presentations, please visit www.thermofisher.com/animalhealth.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. is the world leader in serving science, with revenues of \$18 billion and more than 55,000 employees globally. Our mission is to enable our customers to make the world healthier, cleaner and safer. We help our customers accelerate life sciences research, solve complex analytical challenges, improve patient diagnostics and increase laboratory productivity. Through our premier brands – Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific and Unity Lab Services – we offer an unmatched combination of innovative technologies, purchasing convenience and comprehensive support. For more information, please visit www.thermofisher.com.

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