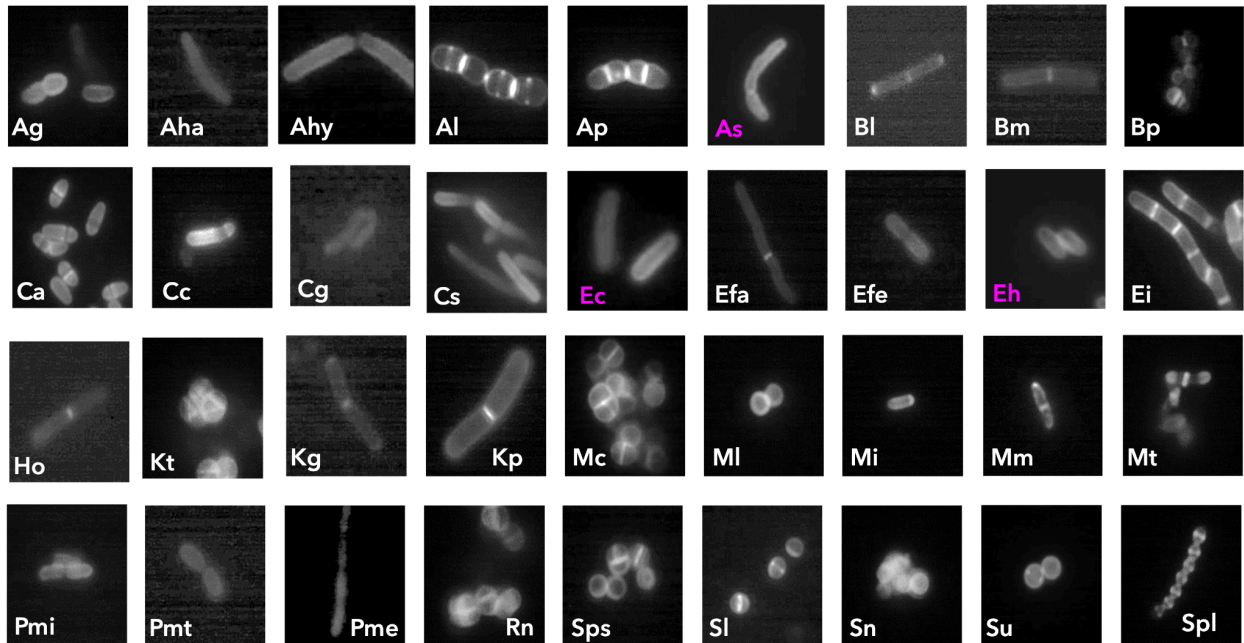




Ancera Unveils New Cutting-Edge Detection Tools to Support Productivity, Food Safety, and Interventional Efficacy in Poultry Industry

Assays identify *Clostridium Perfringens* and Total Viable Bacteria (TVB) to address critical challenges in poultry live operations and processing



Branford, CT — January 16, 2024 - Today, [Ancera](#), the innovator of supply chain intelligence, has announced the release of two new microbial detection tools designed to identify and enumerate *Clostridium perfringens* and Total Viable Bacteria (TVB) in poultry. Ancera's new cutting-edge assays will address critical challenges within the poultry industry, spanning both live operations and processing, in order to help companies increase productivity, food safety, and interventional efficacy.

"PIPER is the only platform that combines molecular and classical microbiology capabilities with an operationally relevant time-to-result. The *Clostridium* and TVB assays will double the number of novel assays on the PIPER platform," said Arjun Ganesan, CEO of Ancera. "Retail customers see *Clostridium perfringens* as a productivity and animal welfare concern and our technology can help innovative poultry companies take action and gain market share. TVB has significant implications on reducing microbial loads, susceptibility, and sanitation. We are excited to share these assays with trial partners as we develop the data science models and software for full commercialization."



Ancera's Clostridium assay specifically enumerates and monitors Clostridium perfringens, the causative agent of necrotic enteritis (NE) in poultry, providing the industry a valuable new tool to manage NE risk. The assay will help integrators to determine and track Clostridium load in their system, providing additional visibility of impact on key production metrics and overall animal health. The monitoring technique also has implications for assessing intervention effectiveness in certain animal welfare programs. When combined with Ancera's Coccidia System Monitoring (CSM) product and advanced analytical capabilities, the combination of tracking Coccidia oocysts and Clostridium load in near real-time provides comprehensive insight into the effects of gut health on production.

Ancera's pen trials, conducted with Ozark Avian Research, have demonstrated a strong correlation between the number of Clostridium perfringens cells shed in feces with lesion scores as well as body weight gain in the birds. The effect of Clostridium on the poultry industry, even when the birds may not show clinical symptoms can be significant, leading to inefficient feed utilization, reduced weight gain, decline in feed conversion ratio, and increased number of condemnations at processing. The clinical disease can cause mass fatalities, resulting in economic and welfare risks. According to [The National Library of Medicine](#), Clostridium contributes to a \$6 billion revenue loss for the global poultry industry. Ancera's new assay provides a reliable and rapid detection method for clostridium bacteria across flocks, so integrators can make timely, impactful decisions.

Ancera has also introduced a Total Viable Bacteria (TVB) assay, the first true non-enrichment, microbial quantitation assay focused on same-shift process improvement and quality control at the plant. This tool provides quantifiable microbial information enabling integrators to understand whether their processes are working to reduce microbial load. Once fully commercialized, the technology will produce results within a single working shift, unlocking real-time trend analysis and decision-making for improved compliance and sanitation. This represents a significant decrease from traditional 48-72 hour turnaround times, decreasing the risk of compliance and recall risk.

The two new assays join Ancera's industry-leading portfolio of diagnostic tools, which feature in Ancera's monitoring products- [Salmonella System Monitoring](#) and Coccidia monitoring, comprising the first digital command center for poultry. The new assays will be made available in 2024 to a limited set of trial customers to generate user feedback and accelerate a fully commercialized software product.

To lead the rollout of these two new innovative diagnostics tools and the new capabilities of Ancera's Command Center platform, Ancera has hired [Troy Hatlevig](#) as its VP of Product. Troy's



deep supply chain and product development expertise will enable Ancera to deliver the tools customers need to achieve new levels of operational excellence. Hatlevig, formerly the VP of Supply Chain Product for Wayfair, joined the company in November of 2023 and is focused on developing the next set of innovative products in high demand by the industry.

“Ancera is on the frontlines of innovation in food supply chain safety, and each new product launch represents a milestone in ensuring the food security of the United States,” said Hatlevig. “Poultry is a complex living, breathing supply chain. We will need to listen to industry customers so we can meet the needs of integrators and Allied industry as they strive to enhance food productivity and consumer safety.”

For more information about Ancera, visit <https://www.ancera.com/>.

About Ancera

Ancera improves the profitability of food production with deeper supply chain intelligence. Backed by advanced microbiology, data science, and industry insider expertise, Ancera generates the largest decision-focused datasets in the poultry industry for new visibility into the supply chain. With actionable insights in near real-time that make complex data more accessible and easy to understand, Ancera increases profits for food producers by improving productivity, risk, and safety.

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