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Advanced Analytical Technologies, Inc. Instrument Empowers Discovery at the Delaware Biotechnology Institute

Ames, IA – July 14, 2014 – A leader in next generation sequencing applications – the Delaware Biotechnology Institute’s (DBI) DNA Sequencing & Genotyping Center -- implements the *Fragment Analyzer*[™] capillary electrophoresis instrument to allow researchers to accelerate their discoveries. Advanced Analytical Technologies, Inc. (AATI), an Ames, Iowa-based analytical instrumentation company, makes the *Fragment Analyzer*[™].

“As an internationally recognized facility that provides sequencing services on all the major NGS platforms, we absolutely must have reliable instruments,” said Dr. Brewster Kingham, Director for Sequencing and Genotyping Services at DBI. “Our core facility processes nucleic acid samples from around the world. In order to keep up with our sequencing schedules and achieve high data quality, it becomes critically important that we have accurate quantification and quality profiles of our incoming raw materials and final DNA and RNA library preparations.”

“The *Fragment Analyzer*[™] makes it easier for us to do so, because we trust the instrument’s quantification measurements,” said Dr. Kingham. “In fact, we have found that the *Fragment Analyzer*[™] performs well for quality measurements related to sizing -- but is just as effective when it comes to quantification of nucleic acid samples. In the past we used to quantify all nucleic acid samples on a fluorometer. But after several studies, we now trust the *Fragment Analyzer*[™] for nucleic acid concentration measurements. This saves us both time and money by not having to use one method to look at nucleic acid quality and another method for nucleic acid quantity.”

“Our team of capillary electrophoresis experts have gone to great lengths to engineer an instrument that performs exceptionally well in the key areas important to scientists working with NGS – quality and quantity measurements,” said Dr. Steve Lasky, CEO of Advanced Analytical. “The Delaware Biotechnology Institute is a leading organization in the NGS arena; they need both a dependable and accurate instrument to meet the demands of their customers. We are pleased that Dr. Kingham can use the *Fragment Analyzer*[™] to accurately assess the quality of the large fragment smears for his PacBio® library preparations while at the same time effectively quantify his Illumina® library preparations and total RNA. We are looking forward to a long relationship with the DBI.”

About Advanced Analytical

Advanced Analytical Technologies, Inc. (AATI) provides innovative solutions to improve processes and accelerate research within the pharmaceutical, life science, and biotechnology markets. AATI’s portfolio includes technologies for the parallel analysis of biomolecules, nucleic acids and proteins by capillary electrophoresis. For more information visit the company’s website at <http://www.aati-us.com> or contact us at webinfo@aati-us.com

About Delaware Biotechnology Institute

The Delaware Biotechnology Institute is a magnet for life science research and development supporting multidisciplinary, collaborative academic research at all of Delaware’s research organizations. The DBI mission is to facilitate a biotechnology network of people and facilities to enhance existing academic and private-sector research, catalyze unique cross-disciplinary research and education initiatives, and to foster the entrepreneurship that creates high-quality jobs. For more information visit <http://www.dbi.udel.edu/>