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Pressure BioSciences Inc. Discusses New Instrument Release, Entry into the Worldwide Food Science Area, and their Innovative Ultra Shear Technology Platform on Uptick Newswire's Stock Day Podcast

PHOENIX, Oct. 01, 2018 (GLOBE NEWSWIRE) -- **Pressure BioSciences Inc. (OTCQB: [PBIO](#))** (the "Company") is a leader in the development and sale of broadly enabling, pressure-based instruments, consumables, and platform technology solutions to the worldwide life sciences industry. The Company's President and CEO, Richard T. Schumacher, joined Stock Day's Everett Jolly to discuss an exciting new instrument release, the recent featuring of their product line at the largest annual food science meeting in the world, and the continued development of their innovative and enabling Ultra Shear Technology ("UST") platform.

As the interview began, Mr. Jolly asked Mr. Schumacher about the Company's existing products and its new instrument release. Mr. Schumacher explained that PBIO has sold approximately 300 instruments worldwide based on the Company's patented Pressure Cycling Technology ("PCT") platform. This instrument uses cycles of low to high pressure (up to 45,000 psi) to carefully break cells (animal, plant, human), bacteria, and other organisms to release nucleic acids (DNA/RNA), proteins, and lipids for scientific study. Results of such studies are critical to the development of new drugs, vaccines, diagnostics, preventive strategies, and cures.

Mr. Schumacher commented: "Over the years, customers have suggested that we provide a second instrument, one that can subject samples (cells, bacteria, etc.) to higher pressures than 45,000 psi. This is because there are many important samples (such as tough plant cells, as well as food-borne pathogens such as *E. coli* and *Salmonella*) that will only break at pressures above 45,000 psi. So, we developed and have now released the HUB880 Explorer."

Mr. Schumacher continued: "We are very excited about the release of this new instrument, because we believe it will allow researchers to better study 'difficult-to-break' cells, such as the dangerous bacteria that cause the food-borne disease outbreaks that are far too common nowadays. Hopefully, such studies will lead to methods to make food safer and to reduce food-borne disease."

Mr. Jolly pointed out that PBIO had sold the first two HUB880 Explorer instruments to one of the most important food safety labs in Japan, and to the Public Health Microbiology

Laboratory at Tennessee State University, a leading food science lab.

Mr. Jolly then noted that the high pressure products of Pressure BioSciences were recently featured at the International Food Technologists meeting, the largest annual food sciences meeting in the world. He asked Mr. Schumacher to explain the importance of this meeting to the Company and its' shareholders.

"There was an entire half-day scientific/business session on new, innovative technologies that are currently or someday might be used to help make food safer," said Mr. Schumacher. "Speakers included Br. Bala from Ohio State University and Dr. Fouladkhah from Tennessee State. Both spoke highly on the use of high pressure to kill bacteria in food and beverages, to make them safer."

Mr. Jolly finished the interview by asking Mr. Schumacher to comment on his Company's progress in the development of their new, patented, Ultra Shear Technology Platform. Mr. Schumacher said that PBIO had made measurable progress on UST's development, and that they expected progress to continue at a very strong pace in the weeks and months ahead.

Asked by Mr. Jolly to explain the significance of UST, Mr. Schumacher said: "UST combines ultra high pressure with intense shear ('cutting') forces. The ultimate result of UST is that we believe it can make very stable nanoemulsions. Consequently, UST has the potential to play a significant role in the manufacture of healthy, nutritious long shelf-life food and beverages that will not need to have chemical additives. In addition to food, we believe UST could also play a significant role in making highly stable nanoemulsions in pharmaceuticals, nutraceuticals, cosmetics, and many other product areas."

Mr. Jolly then stated that he was greatly impressed with the continued success of PBIO.

To hear all of Mr. Schumacher's interview with Stock Day, please go here:

<https://upticknewswire.com/featured-interview-ceo-ric-schumacher-of-pressure-biosciences-inc-otcqb-pbio-8/>

About Pressure BioSciences Inc.

Pressure BioSciences, Inc. (OTCQB: PBIO) is a leader in the development and sale of innovative, broadly enabling, pressure-based solutions for the worldwide life sciences industry. Our products are based on the unique properties of both constant (i.e., static) and alternating (i.e., pressure cycling technology, or "PCT") hydrostatic pressure. PCT is a patented enabling technology platform that uses alternating cycles of hydrostatic pressure between ambient and ultra-high levels to safely and reproducibly control bio-molecular interactions (e.g., cell lysis, biomolecule extraction). Our primary focus is in the development of PCT-based products for biomarker and target discovery, drug design and development, biotherapeutics characterization and quality control, food science, soil & plant biology, forensics, and counter-bioterror applications. Additionally, PBIO is actively expanding the use of our pressure-based technologies in the following areas: (1) the use of our recently acquired PreEMT technology from BaroFold, Inc. to allow entry into the biologics contract research services sector, and (2) the use of our recently-patented, scalable, high-efficiency, pressure-based Ultra Shear Technology ("UST") platform to (i) create stable nanoemulsions of otherwise immiscible fluids (e.g., oils and water) and to (ii) prepare higher quality,

homogenized, extended shelf-life or room temperature stable low-acid liquid foods that cannot be effectively preserved using existing non-thermal technologies.

For more information: <https://www.pressurebiosciences.com/about-us>

Forward Looking Statements

This press release includes “forward-looking statements” within the meaning of the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. Actual results may differ from expectations and, consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as “expect,” “estimate,” “project,” “budget,” “forecast,” “anticipate,” “intend,” “plan,” “may,” “will,” “could,” “should,” “believes,” “predicts,” “potential,” “continue,” and similar expressions are intended to identify such forward-looking statements. These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results. Additional information concerning these and other risk factors are contained in the Company’s most recent filings with the Securities and Exchange Commission. The Company cautions readers not to place undue reliance upon any forward-looking statements, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in their expectations or any change in events, conditions or circumstances on which any such statement is based, except as required by law.

About Uptick Newswire and the “Stock Day” Podcast

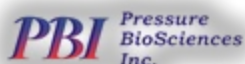
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