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CBD-Infused Beverages Achieve Quality and Clarity Breakthrough Utilizing Pressure BioSciences' Ultra Shear Technology Platform

New Video Demonstrates Revolution in Soft Drinks, Sports Drinks, and Beerwith Vanishing Water-Soluble CBD Oil for Enhanced Quality and Absorption

SOUTH EASTON, MA / ACCESSWIRE / April 2, 2019 /Pressure BioSciences, Inc. (OTCQB: PBIO) ("PBI" and the "Company"), a leader in the development and sale of broadly enabling, pressure-based instruments, consumables, and platform technology solutions to the life sciences and other industries, today released a new, short video demonstrating the ability of the Company's proprietary Ultra Shear Technology (UST™) platform to create water-soluble CBD oil that disperses instantly, resulting in improved dosing effectiveness, enhanced absorption, and more aesthetically-pleasing products when added to carbonated soft drinks, vitamin-infused sports drinks, and beer.

Link to video: PBI UST CBD Video 040219

In addition to superior aesthetic quality, the Company believes the resulting low nanometer-scale emulsions ("nanoemulsions") of UST-processed CBD oil should also result in optimized and reproducible bodily absorption, bioavailability, and dosing safety for CBD oil and other UST-processed materials, when compared to many of the processed CBD oils and products that are commercially available today.

Mr. Edgar Ward, President and CEO of NutraLife Biosciences (OTCQB: NLBS), said: "NutraLife manufactures and sells NUTRAHEMPCBD, a line of CBD-infused products that includes creams, sprays, and other products that support daily health and wellness uses. We strive to ensure that our CBD-infused products will always be of the highest quality possible; therefore, we are constantly looking for advanced technologies to continue to improve our manufacturing processes. After reviewing available data and PBI's videos, we believe methods like PBI's UST platform may enable us to offer products with superior quality and effectiveness."

CBD is a non-psychoactive, oil-soluble compound extracted from the cannabis plant, and is typically marketed dissolved in plant oil. It has been widely reported to offer numerous health benefits from stress and anxiety relief, to decreased muscle, joint, cancer and other pain, reduced inflammation, and to nearly miraculous relief of persistent seizures. However, because CBD is an oil-based product, its ingestion typically results in poor absorption in water-based living systems. There has been enormous interest in the development of truly water-soluble CBD, to achieve efficient absorption and bioavailability from foods and beverages. The market for CBD beverages alone could achieve revenue of $260 million in

just the U.S. by2022 (Bloomberg, September 27, 2018) and much more world-wide. Unfortunately, because of solubility issues, many CBD products on the market today contain an inefficient over-abundance of CBD and/or undesirable chemicals to improve and stabilize its solubility in water. PBI believes that all of these beverages and other CBD-based products could substantially benefit from PBI's Ultra Shear Technology platform, to achieve water solubility and stability from the physics of high-pressure shearing - rather than from dependency upon chemistry and reliance upon use of undesirable chemicals.

Dr. Brad Young, Chief Commercial Officer of PBI, commented: "We are very pleased to now show (in this follow-up video) the ability of our proprietary UST platform to mix CBD oil in water and infuse carbonated soft drinks, vitamin-infused sport drinks, and beer. This latest video further highlights the power of our UST platform to make nanoemulsions and its potential to help nutraceutical and beverage manufacturers make high-quality, oil-based products. With such compelling results to rely on, and with numerous opportunities ahead of us, we intend to accelerate the development of our UST platform to better address what we believe are several multi-billion-dollar markets in nutraceuticals, cosmetics, and food & beverages."

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 high pressure-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, we are actively expanding the use of our pressure-based technologies in the following areas: (1) the use of our recently acquired protein disaggregation and refolding technology from BaroFold, Inc. to allow entry into the biologics manufacturing and 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.

Forward-Looking Statements

This press release contains forward-looking statements. These statements relate to future events or the Company's future financial performance and involve known and unknown risks, uncertainties and other factors that may cause the Company's industry results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed, implied or inferred by these forward-looking statements. These forward-looking statements are made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. Investors can identify these forward-looking statements by words or phrases such as "may," "will," "except," "anticipate," "aim," "estimate," "intend," "plan," "believe," "is/are likely to," "future" or other

similar expressions. The Company has based these forward-looking statements largely on its current expectations and projections about future events and financial trends that it believes may affect its financial condition, results of operations, business strategy, and financial needs. These statements are only predictions based on the Company's current expectations and projections about future events. Investors should not place undue reliance on these statements. In evaluating these statements, Investors should specifically consider various factors. Actual events or results may differ materially. These and other factors may cause the Company's actual results to differ materially from any forward-looking statement. These risks, uncertainties, and other factors include, but are not limited to, the risks and uncertainties discussed under the heading "Risk Factors" in the Company's Annual Report and other reports filed from time to time with the Securities & Exchange Commission (SEC). More detailed information about these risk factors are set forth in the Company's filings with the SEC. The Company encourages Investors to review these risk factors. The Company undertakes no obligation to update any of the information included in this release, except as otherwise required by law. For more information about the Companies, please click on the following website link:

http://www.pressurebiosciences.com

Please visit us on Facebook, LinkedIn, and Twitter.

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SOURCE: Pressure BioSciences, Inc.