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PharmaCyte Biotech to Implement \$10-Million Share Repurchase Program

LAS VEGAS--(BUSINESS WIRE)-- PharmaCyte Biotech, Inc. (NASDAQ: PMCB) (PharmaCyte), a biotechnology company focused on developing cellular therapies for cancer, diabetes and malignant ascites using its signature live-cell encapsulation technology, Cell-in-a-Box[®], today announced that its Board of Directors (Board) has authorized a share repurchase program to repurchase up to \$10 million of PharmaCyte's outstanding common stock. The share repurchase authorization is effective immediately for a two-year period. PharmaCyte expects to fund the program with its available cash.

PharmaCyte's Chief Executive Officer, Kenneth L. Waggoner, said, "The Board's decision to establish this share repurchase program reflects our commitment to creating shareholder value, our strong balance sheet and the expectations we have for 2022 and beyond. Because shareholder value is key to our success, our Board began discussing a share repurchase program at a quarterly Board meeting in March of this year.

"It has been decided that since, unlike in year's past, we are finally in a strong enough financial position we can allocate some of our capital in ways that will generate as much value as possible for our shareholders. In our improved financial position, we will continue to prioritize capital allocation that supports our financial strategies."

The shares may be repurchased from time to time in open market transactions, negotiated block transactions or other means in accordance with Rule 10b-18 of the Securities Exchange Act of 1934, as amended. The timing of the purchase, the number of shares repurchased, and the prices paid for the shares under this program will depend on general business and market conditions, the trading price of PharmaCyte's common stock and corporate and regulatory limitations, including blackout period restrictions. The share repurchase program does not obligate PharmaCyte to acquire a specific dollar amount or number of shares and may be extended, modified, or discontinued at any time.

To learn more about PharmaCyte's pancreatic cancer treatment and how it works inside the body to treat locally advanced, inoperable pancreatic cancer, we encourage you to watch PharmaCyte's documentary video complete with medical animations at: <https://www.PharmaCyte.com/Cancer>.

About PharmaCyte Biotech

PharmaCyte Biotech, Inc. is a biotechnology company developing cellular therapies for cancer, diabetes and malignant ascites based upon a proprietary cellulose-based live cell encapsulation technology known as "Cell-in-a-Box[®]." This technology is being used as a platform upon which therapies for several types of cancer, diabetes and malignant ascites are being developed.

PharmaCyte's therapy for cancer involves encapsulating genetically engineered human cells that convert an inactive chemotherapy drug into its active or "cancer-killing" form. For pancreatic cancer, these encapsulated cells are implanted in the blood supply to the patient's tumor as close as possible to the site of the tumor. Once implanted, a chemotherapy drug that is normally activated in the liver (ifosfamide) is given intravenously at one-third the normal dose. The ifosfamide is carried by the circulatory system to where the encapsulated cells have been implanted. When the ifosfamide flows through pores in the capsules, the live cells inside act as a "bio-artificial liver" and activate the chemotherapy drug at the site of the cancer. This "targeted chemotherapy" has proven effective and safe to use in past clinical trials and we believe results in little to no treatment related side effects.

PharmaCyte's candidate therapy for Type 1 diabetes and insulin-dependent Type 2 diabetes involves encapsulating a human cell line that has been genetically engineered to produce and release insulin in response to the levels of blood sugar in the human body. The encapsulation of the cell line will be done using the Cell-in-a-Box technology. Once the encapsulated cells are implanted in a diabetic patient, we anticipate that they will function as a "bio-artificial pancreas" for purposes of insulin production.

PharmaCyte's therapy for malignant ascites involves using the same encapsulated cells PharmaCyte employs for pancreatic cancer, but placing the encapsulated cells in the peritoneal cavity of a patient and administering ifosfamide intravenously.

Safe Harbor

This press release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that express the current beliefs and expectations of the PharmaCyte's management and Board of Directors. Any statements contained in this press release that do not describe historical facts are forward-looking statements that are subject to risks and uncertainties that could cause actual results, performance, and achievements to differ materially from those discussed in such forward-looking statements. Factors that could affect our actual results include our ability to satisfactorily address the issues raised by the FDA in order to have the clinical hold on our IND removed, as well as such other factors that are included in the periodic reports on Form 10-K and Form 10-Q that we file with the U.S. Securities and Exchange Commission. These forward-looking statements are made only as of the date hereof, and we undertake no obligation to update or revise the forward-looking statements, except as otherwise required by law, whether as a result of new information, future events or otherwise.

More information about PharmaCyte Biotech can be found at www.PharmaCyte.com. Information may also be obtained by contacting PharmaCyte's Investor Relations Department.

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