Plus Therapeutics Presents ReSPECT-LM Clinical Trial Results for REYOBIQ™ in Patients with Leptomeningeal Metastases

July 15, 2025

Presentation by trial principal investigator at the 2025 SNO/ASCO CNS Metastases Conference

Plus will also host an educational symposium with leading experts titled, "Reimagining Your Approach to Leptomeningeal Metastases"

HOUSTON, July 15, 2025 (GLOBE NEWSWIRE) -- Plus Therapeutics, Inc. (Nasdaq: PSTV) (the "Company"), a clinical-stage pharmaceutical company developing targeted radiotherapeutics with advanced platform technologies for central nervous system (CNS) cancers, today announces the oral presentation of its ReSPECT-LM clinical trial results and a sponsored educational symposium, at the upcoming SNO/ASCO CNS Metastases Conference on August 14-16, 2025, at the Baltimore Waterfront Marriott Hotel in Baltimore, MD.

"Previously presented data from ReSPECT-LM was highly encouraging in both the safety profile and response signal in patients with leptomeningeal metastases or LM," said Michael Rosol, Ph.D., Plus Therapeutics' Chief Development Officer. "At SNO/ASCO this year, our objective is to present the final clinical trial results and proposed clinical development path forward to clinical leaders in Neuro-oncology and further discuss this in our sponsored symposium."

Presentation

Title	"Phase 1 Dose Escalation of Rhenium (186Re) Obisbemeda (Rhenium Nanoliposome,186RNL (REYOBIQ) for the Treatment of Leptomeningeal Metastases (LM): Clinical Study Results for Safety and Efficacy" (CTSI-06)
Presenter	Andrew Brenner, M.D., Ph.D.
Date/Time	August 15, 3:25 - 4:50 p.m. ET
Location	Grand Ballroom I-V

LM Educational Symposium

Plus Therapeutics will host an educational symposium titled, "Reimagining Your Approach to Leptomeningeal Metastases," on Thursday, August 14, 2025, from 6:15 to 7:15 p.m. ET in Grand Ballroom I-V. The session will focus on the latest advancements in understanding and managing LM, including a deep dive into REYOBIQ and CNSide and their potential roles in both prolonging life and improving the quality of life in patients with LM. The panelists will feature presentations from five leading neuro-oncologists.

Presenters	Peter Forsyth, M.D., Chairman, Neuro-Oncology Program, Moffitt Cancer Center; Professor of Oncology, University of South Florida
	Priya Kumthekar, M.D., Professor of Neurology and Hematology/Oncology, Northwestern University Medical School
	Andrew Brenner, M.D., Ph.D., Professor and Kolitz / Zachry Endowed Chair Neuro-Oncology Research; Co-Leader, Experimental and Developmental Therapeutics Program, University of Texas Health Science Center at San Antonio
	Isabella C. Glitza Oliva, M.D., Ph.D., M.S., Professor, Department of Melanoma Medical Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, Texas
	Yoly Pina, M.D., Clinical Assistant Professor and Researcher at Moffitt Cancer Center and non-tenured Professor at University of South Florida

Plus Therapeutics' wholly-owned subsidiary, CNSide Diagnostics, LLC ("CNSide"), will also be showcasing two presentations at the upcoming 2025 SNO/ASCO conference.

About LM

Leptomeningeal metastases (LM) are a rare but severe complication of advanced cancer, affecting the fluid-lined structures of the central nervous system. LM occurs in approximately 5% of patients with metastatic cancer, with breast cancer, lung cancer, and melanoma being the most common sources. Median survival is typically 2-6 months, and effective treatment options are limited, highlighting the urgent need for novel therapies.

About REYOBIQ™ (rhenium Re186 obisbemeda)

REYOBIQ (rhenium Re186 obisbemeda) is a novel injectable radiotherapy specifically formulated to deliver direct targeted high dose radiation in CNS tumors in a safe, effective, and convenient manner to optimize patient outcomes. REYOBIQ has the potential to reduce off target risks and improve outcomes for CNS cancer patients, versus currently approved therapies, with a more targeted and potent radiation dose. Rhenium-186 is an ideal

radioisotope for CNS therapeutic applications due to its short half-life, beta energy for destroying cancerous tissue, and gamma energy for real-time imaging. REYOBIQ is being evaluated for the treatment of recurrent glioblastoma, leptomeningeal metastases, and pediatric brain cancer in the ReSPECT-GBM, ReSPECT-LM, and ReSPECT-PBC clinical trials. ReSPECT-GBM is supported by an award from the National Cancer Institute (NCI), part of the U.S. National Institutes of Health (NIH), and ReSPECT-LM is funded by a three-year $17.6M grant by the Cancer Prevention & Research Institute of Texas (CPRIT). The Company's ReSPECT-PBC clinical trial for pediatric brain cancer is supported by a $3 million grant from the U.S. Department of Defense's Peer Reviewed Cancer Research Program.

About CNSide Diagnostic, LLC

CNSide Diagnostics, LLC is a wholly owned subsidiary of Plus Therapeutics, Inc. that develops and commercializes proprietary laboratory-developed tests, such as CNSide®, designed to identify tumor cells that have metastasized to the central nervous system in patients with carcinomas and melanomas. The CNSide® CSF Assay Platform enables quantitative analysis and molecular characterization of tumor cells and circulating tumor DNA in the cerebrospinal fluid that inform and improve the management of patients with leptomeningeal metastases.

About Plus Therapeutics

Headquartered in Houston, Texas, Plus Therapeutics, Inc. is a clinical-stage pharmaceutical company developing targeted radiotherapeutics for difficult-to-treat cancers of the central nervous system with the potential to enhance clinical outcomes. Combining image-guided local beta radiation and targeted drug delivery approaches, the Company is advancing a pipeline of product candidates with lead programs in leptomeningeal metastases (LM) and recurrent glioblastoma (GBM). The Company has built a supply chain through strategic partnerships that enable the development, manufacturing, and future potential commercialization of its products. For more information, visit https://www.plustherapeutics.com.

Forward-Looking Statements

This press release contains statements that may be deemed "forward-looking statements" within the meaning of U.S. securities laws, including statements regarding clinical trials, expected operations and upcoming developments. All statements in this press release other than statements of historical fact are forward-looking statements. These forward-looking statements may be identified by future verbs, as well as terms such as "expect" "potential," "anticipating," "planning" and similar expressions or the negatives thereof. Such statements are based upon certain assumptions and assessments made by management in light of their experience and their perception of historical trends, current conditions, expected future developments and other factors they believe to be appropriate.

The forward-looking statements included in this press release could differ materially from those expressed or implied by these forward-looking statements because of risks, uncertainties, and other factors that include, but are not limited to, the following: the Company's ability to maintain the listing of its common stock on Nasdaq; risks related to a halt in trading or delisting of the Company's common stock on Nasdaq; Medicare and private payors may not provide coverage and reimbursement or may breach, rescind or modify their contracts or reimbursement policies or delay payments; the risk that our products and services may not perform as expected; the early stage of the Company's product candidates and therapies; the results of the Company's research and development activities, including uncertainties relating to the clinical trials of its product candidates and therapies; the Company's liquidity and capital resources and its ability to raise additional cash; the outcome of the Company's partnering/licensing efforts, risks associated with laws or regulatory requirements applicable to it; market conditions, product performance, litigation or potential litigation, and competition within the cancer diagnostics and therapeutics field; ability to develop and protect proprietary intellectual property or obtain licenses to intellectual property developed by others on commercially reasonable and competitive terms; challenges associated with radiotherapeutic manufacturing, production and distribution capabilities necessary to support the Company's clinical trials and any commercial level product demand; and material security breach or cybersecurity attack affecting the Company's operations or property. This list of risks, uncertainties, and other factors is not complete. Plus Therapeutics discusses some of these matters more fully, as well as certain risk factors that could affect Plus Therapeutics' business, financial condition, results of operations, and prospects, in its reports filed with the SEC, including Plus Therapeutics' annual report on Form 10-K for the fiscal year ended December 31, 2024, quarterly reports on Form 10-Q, and current reports on Form 8-K. These filings are available for review through the SEC's website at www.sec.gov. Any or all forward-looking statements Plus Therapeutics makes may turn out to be wrong and can be affected by inaccurate assumptions Plus Therapeutics might make or by known or unknown risks, uncertainties, and other factors, including those identified in this press release. Accordingly, you should not place undue reliance on the forward-looking statements made in this press release, which speak only as of its date. The Company assumes no responsibility to update or revise any forward-looking statements to reflect events, trends or circumstances after the date they are made unless the Company has an obligation under U.S. federal securities laws to do so.

Investor Contact

CORE IR
investor@plustherapeutics.com