

November 3, 2022



Biopharma, Inc.

GT Biopharma to Present New Data on Novel Dual-Antigen Targeting Approach Against AML at Upcoming 2022 ASH Annual Meeting

BRISBANE, CALIFORNIA, Nov. 03, 2022 (GLOBE NEWSWIRE) -- GT Biopharma, Inc. (the "Company" or "GTB") (NASDAQ: GTBP), a clinical stage immuno-oncology company focused on developing innovative therapeutics based on the Company's proprietary natural killer (NK) cell engager, TriKE[®] platform, today announced the presentation of new data at the American Society of Hematology's 64th Annual Meeting (ASH 2022) taking place in New Orleans, LA, and virtually December 10-13, 2022. The presentation highlights a novel dual antigen targeting approach for the treatment of acute myeloid leukemia (AML) by combining its TriKE platform and the induced pluripotent stem cell (iPSC) product platform of Fate Therapeutics, Inc.

The study utilized a combination of GT Biopharma's investigational GTB-3650, a CD33 targeting Tri-specific Killer Engager (TriKE), and Fate Therapeutics' multiplexed-engineered, iPSC-derived, CAR NK cells targeting the $\alpha 3$ domain of MICA and MICB. Preclinical data to be presented demonstrate that iPSC-derived, MICA/B-targeted CAR NK cells induced potent activity against the AML cell line HL60, and that further enhancement of activity was achieved in combination with GTB-3650 through antibody-dependent cellular cytotoxicity.

Poster Presentation

Title: A Novel Dual-Antigen Targeting Approach Enables Off-the-Shelf CAR NK Cells to Effectively Recognize and Eliminate the Heterogenous Population Associated with AML

Abstract Number: 4623

Category: Cellular Immunotherapies: Basic and Translational

Presenter: Zachary David, PhD

Date: December 12, 2022

Location and time: Ernest N. Morial Convention Center, Hall D, New Orleans, LA from 6:00pm – 8:00pm ET

About ASH

The American Society of Hematology (ASH) (www.hematology.org) is the world's largest professional society of hematologists dedicated to furthering the understanding, diagnosis, treatment, and prevention of disorders affecting the blood. For more than 60 years, the Society has led the development of hematology as a discipline by promoting research, patient care, education, training, and advocacy in hematology. ASH's flagship journal, Blood (www.bloodjournal.org), is the most cited peer-reviewed publication in the field, and Blood Advances (www.bloodadvances.org) is the Society's online, peer-reviewed open-access journal.

About GT Biopharma, Inc.

GT Biopharma, Inc. is a clinical stage biopharmaceutical company focused on the development and commercialization of immuno-oncology therapeutic products based on our proprietary TriKE[®] NK cell engager platform. Our TriKE[®] platform is designed to harness and enhance the cancer killing abilities of a patient's immune system's natural killer cells. GT Biopharma has an exclusive worldwide license agreement with the University of Minnesota to further develop and commercialize therapies using TriKE[®] technology. For more information, please visit gtbiopharma.com.

Forward-Looking Statements

Certain statements in this press release may constitute "forward-looking statements" regarding future events and our future results. All statements other than statements of historical facts are statements that could be deemed to be forward-looking statements. These statements are based on current expectations, estimates, forecasts, and projections about the markets in which we operate and the beliefs and assumptions of our management. Words such as "expects," "anticipates," "targets," "goals," "projects," "intends," "plans," "believes," "seeks," "estimates," "endeavors," "strives," "may," or variations of such words, and similar expressions are intended to identify such forward-looking statements. Readers are cautioned that these forward-looking statements are subject to a number of risks, uncertainties and assumptions that are difficult to predict, estimate or verify. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. Such risks and uncertainties include those factors described in our most recent annual report on Form 10-K, as such may be amended or supplemented by subsequent quarterly reports on Form 10-Q, or other reports filed with the Securities and Exchange Commission. Readers are cautioned not to place undue reliance on these forward-looking statements. The forward-looking statements are made only as of the date hereof, and we undertake no obligation to publicly release the result of any revisions to these forward-looking statements. For more information, please refer to our filings with the Securities and Exchange Commission.

TriKE[®] is a registered trademark owned by GT Biopharma, Inc.

Investor Relations Contacts:

LifeSci Advisors

Corey Davis, Ph.D.

cdavis@lifesciadvisors.com

212-915-2577



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