

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): April 18, 2016

FORTRESS BIOTECH, INC.

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction
of Incorporation)

001-35366

(Commission
File Number)

20-5157386

(IRS Employer
Identification No.)

2 Gansevoort Street, 9th Floor, New York, New York

(Address of Principal Executive Offices)

10014

(Zip Code)

Registrant's Telephone Number, Including Area Code: **(781) 652-4500**

3 Columbus Circle, 15th Floor, New York, New York 10019

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01. Other Events.

On April 18, 2016, Mustang Bio, Inc., a Fortress Biotech, Inc. subsidiary, issued a press release announcing that two abstracts pertaining to its MB-101 (IL13R α 2-specific CAR-T cells) product candidate in development were selected for presentation at the upcoming American Society of Gene and Cell Therapy 19th Annual Meeting (ASGCT), to be held May 4-7, 2016, at the Marriott Wardman Park Hotel in Washington, DC.

A copy of the press release is attached hereto as Exhibit 99.1 and incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press release dated April 18, 2016.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

FORTRESS BIOTECH, INC.

Date: April 18, 2016

/s/ Lindsay A. Rosenwald

Name: Lindsay A. Rosenwald

Title: Chairman, President and Chief Executive
Officer



Mustang Bio Announces Presentations of MB-101, a Novel IL13R α 2-specific CAR-T cells Product in Clinical Development, at the American Society of Gene and Cell Therapy 19th Annual Meeting

New York, NY – April 18, 2016 – Mustang Bio, Inc. (“Mustang”), a Fortress Biotech (NASDAQ: FBIO) Company, today announced that two abstracts pertaining to its MB-101 (IL13R α 2-specific CAR-T cells) product candidate in development were selected for presentation at the upcoming American Society of Gene and Cell Therapy 19th Annual Meeting (ASGCT), to be held May 4-7, 2016, at the Marriott Wardman Park Hotel in Washington, DC.

Pre-clinical Oral Presentation:

- **Title:** Optimization of IL13R α 2-specific CAR T cells for Clinical Development Using Orthotopic Human Glioblastoma Models in NSG Mice
 - o **Abstract Number:** 275
 - o **Session:** Oral Abstract Session 243 – Cancer-Immunotherapy, Cancer Vaccines I
 - o **Date and Time:** Thursday, May 5, 2016; 4:00 – 5:45 PM ET
 - o **Location:** Marriott Wardman Park Hotel, Washington 4
 - o **Presenter:** Dr. Christine Brown, Associate Director, T cell Therapeutics Research Laboratory at the City of Hope Medical Center (“COH”)

Clinical Oral Presentation:

- **Title:** Phase I Study of Second Generation Chimeric Antigen Receptor–Engineered T cells Targeting IL13R α 2 for the Treatment of Glioblastoma
 - o **Abstract Number:** 247
 - o **Session:** Scientific Symposium 201 – Clinical Trials Spotlight
 - o **Date and Time:** Thursday, May 5, 2016; 8:00 AM – 10:00 AM ET
 - o **Location:** Marriott Wardman Park Hotel, Thurgood Marshall NE
 - o **Presenter:** Dr. Benham Badie, Vice Chair and Professor, Department of Surgery, Chief, Division of Neurosurgery, Director, Brain Tumor Program and Neurosurgeon at the City of Hope Medical Center (“COH”)

Copies of the above referenced abstracts can be viewed online through the ASGCT meeting website at <http://www.asgct.org/meetings-educational-programs/asgct-annual-meetings/2016-annual-meeting/attendee/abstracts>.

About Glioblastoma multiforme (GBM)

Glioblastomas (GBM) are tumors that arise from astrocytes—the star-shaped cells that make up the supportive tissue of the brain. These tumors are usually highly malignant (cancerous) because the cells reproduce quickly and they are supported by a large network of blood vessels. GBM is the most common brain and central nervous system (CNS) malignancy, accounting for 15.1% of all primary brain tumors, and 55.1% of all gliomas. There are an estimated 12,120 new glioblastoma cases predicted in 2016 in the U.S. Malignant brain tumors are the most common cause of cancer-related deaths in adolescents and young adults aged 15-39 and the most common cancer occurring among 15-19 year olds in the U.S. (Brain Tumor Statistics. American Brain Tumor Association. December 2015). While GBM is a rare disease (2-3 cases per 100,000 person life years in the U.S. and E.U.), it is quite lethal with 5-year survival rates historically less than 10%. Chemotherapy with temozolomide and radiation are shown to extend mean survival from ~12 to ~15 months, while surgery remains the standard of care. GBM remains difficult to treat due to the inherent resistance of the tumor to conventional therapies. Treatment is further complicated by the susceptibility of the brain to damage, difficulty of the brain to repair itself and limitation to drugs crossing the blood brain barrier. Immunotherapy approaches targeting brain tumors offer promise over conventional treatments.

About MB-101 (IL13R α 2-specific CAR-T cells)

IL13R α 2 is an attractive target for CAR-T therapy as it has limited expression in normal tissue but is over-expressed on the surface of the majority of GBM. CAR-T cells designed to express a membrane-tethered IL-13 receptor ligand (IL-13) incorporating a single point mutation display high affinity for IL13R α 2 and reduced binding to IL13R α 1 in order to reduce healthy tissue targeting.

We are developing an optimized CAR-T product incorporating enhancements in CAR design and T-cell engineering to improve antitumor potency and T-cell persistence. We include a second generation hinge optimized CAR containing mutations in the IgG4 linker to reduce off target Fc interactions, as well as the 41BB (CD137) co-stimulatory signaling domain for improved survival and maintenance of memory T-cells, and extracellular domain of CD19 as a selection/safety marker. In order to further improve persistence, memory T-cells are enriched and genetically engineered using a manufacturing process that limits ex vivo expansion in order to reduce T-cell exhaustion and maintain a memory T-cell phenotype.

About Mustang Bio

Mustang Bio, Inc., a Fortress Biotech Company, is a clinical-stage biopharmaceutical company focused on the development and commercialization of novel cancer immunotherapy products designed to utilize the power of the patient's own immune system to eliminate cancer cells. Mustang aims to acquire rights to these technologies by licensing or otherwise acquiring an ownership interest in the technologies, funding their research and development and eventually either out-licensing or bringing the technologies to market. Currently Mustang is developing proprietary Chimeric Antigen Receptor (CAR) engineered T-cells (CAR-T) technology, which was licensed from Drs. Stephen Forman and Christine Brown's laboratory at the City of Hope National Medical Center (COH). CAR-T uses the patient's own T-cells to engage and destroy specific tumors. The process involves selecting specific T-cell subtypes, genetically engineering them to express chimeric antigen T-cell receptors and placing them back in the patient where they recognize and destroy cancer cells. Mustang, through a research agreement with COH, will develop CARs across multiple cancers, including for AML and Brain Cancer. Both of the lead programs are in Phase I clinical trials. For more information, visit www.mustangbio.com.

Mustang Bio is a majority-owned subsidiary of Fortress Biotech.

About Fortress Biotech

Fortress Biotech, Inc. ("Fortress" or "the Company") is a biopharmaceutical company dedicated to acquiring, developing and commercializing novel pharmaceutical and biotechnology products. Fortress plans to develop and commercialize products both within Fortress and through subsidiary companies, also known as Fortress Companies. In addition to its internal development programs, the Company will leverage its biopharmaceutical business expertise and drug development capabilities to help the Fortress Companies achieve their goals. Additionally, the Company will provide funding and management services to each of the Fortress Companies and, from time to time, the Company and the Fortress Companies will seek licensing, partnerships, joint ventures and/or public and private financings to accelerate and provide additional funding to support their research and development programs. For more information, visit www.fortressbiotech.com.

Forward-Looking Statements

This press release may contain “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such statements include, but are not limited to, any statements relating to our growth strategy and product development programs and any other statements that are not historical facts. Forward-looking statements are based on management’s current expectations and are subject to risks and uncertainties that could negatively affect our business, operating results, financial condition and stock price. Factors that could cause actual results to differ materially from those currently anticipated are: risks related to our growth strategy; our ability to obtain, perform under and maintain financing and strategic agreements and relationships; our ability to identify, acquire, close and integrate product candidates successfully and on a timely basis; risks relating to the results of research and development activities; uncertainties relating to preclinical and clinical testing; our dependence on third-party suppliers; our ability to attract, integrate, and retain key personnel; the early stage of products under development; our need for substantial additional funds; government regulation; patent and intellectual property matters; competition; as well as other risks described in our SEC filings. We expressly disclaim any obligation or undertaking to release publicly any updates or revisions to any forward looking statements contained herein to reflect any change in our expectations or any changes in events, conditions or circumstances on which any such statement is based, except as required by law.

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