UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 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): May 19, 2016

BIO-PATH HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware001-3633387-0652870(State or other jurisdiction
of incorporation)(Commission File Number)(IRS Employer Identification No.)

4710 Bellaire Boulevard, Suite 210, Bellaire, Texas

(Address of principal executive offices)

77401 (Zip Code)

(832) 742-1357

(Registrant's Telephone Number, Including Area Code)

(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))

Item 7.01 Regulation FD Disclosure.

On May 19, 2016, Bio-Path Holdings, Inc. (the "Company") issued a press release titled, "Bio-Path Holdings to Present Data at 2016 American Society of Clinical Oncology Annual Meeting." A copy of such press release is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number Description 99.1 Press Release dated May 19, 2016

SIGNATURES

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

BIO-PATH HOLDINGS, INC.

Dated: May 20, 2016

By: <u>/s/ Peter H. Nielsen</u> Peter H. Nielsen President and Chief Executive Officer

EXHIBIT INDEX

Exhibit
NumberDescription99.1Press Release dated May 19, 2016



Bio-Path Holdings to Present Data at 2016 American Society of Clinical Oncology Annual Meeting

HOUSTON—May 19, 2016 – Bio-Path Holdings, Inc., (NASDAQ: BPTH), a biotechnology company leveraging its proprietary DNAbilize™ liposomal delivery and antisense technology to develop a portfolio of targeted nucleic acid cancer drugs, today announced an upcoming poster discussion presentation at the 2016 American Society of Clinical Oncology (ASCO) Annual Meeting, taking place from June 3-7, 2016 in Chicago, IL. Dr. Maro Ohanian, Assistant Professor at the University of Texas MD Anderson Cancer Center will present data from the Company's completed Phase I clinical trial and from the safety segment of the Phase II trial of BP1001 in combination with low-dose cytarabine (LDAC), including initial efficacy results. Notably, there were no dose-limiting toxicities observed in the safety segment and three of the six evaluable acute myeloid leukemia (AML) patients achieved complete remission, suggesting possible AML disease inhibition.

Details for the poster presentation are as follows:

Date: Monday, June 6, 2016
Presentation Time: 8:00 am – 12:45 pm Central Time
Location: Hall A, McCormick Place
Session: Hematologic Malignancies – Leukemia, Myelodysplastic Syndromes, and Allotransplant
Abstract: 7010
Title: "Phase I Study of BP1001 (Liposomal Grb2 Antisense) in Patients with Hematologic Malignancies" (Link to abstract)

About Bio-Path Holdings, Inc.

Bio-Path is a biotechnology company focused on developing therapeutic products utilizing DNAbilizeTM, its proprietary liposomal delivery and antisense technology, to systemically distribute nucleic acid drugs throughout the human body with a simple intravenous transfusion. Bio-Path's lead product candidate, BP1001 (Liposomal Grb2 antisense), is in a Phase II study for blood cancers and in preclinical studies for solid tumors. Bio-Path's second drug candidate, also a liposomal antisense drug, is ready for the clinic where it will be evaluated in lymphoma and solid tumors.

For more information, please visit the Company's website at http://www.biopathholdings.com.

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