Arch Therapeutics, Inc. Form 8-K October 31, 2016

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): October 31, 2016

ARCH THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Nevada000-5498646-0524102(State or other jurisdiction
of incorporation)(Commission
File Number)(I.R.S. Employer
Identification No.)

235 Walnut Street, Suite 6Framingham, Massachusetts01702(Address of principal executive offices)(Zip Code)

Registrant's telephone number, including area code: (617) 431-2313

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 (see General Instruction A.2. below):

- " 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)

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" 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 8.01 Other Events.

On October 31, 2016 Arch Therapeutics, Inc. (the "**Company**") issued a press release announcing the results of a supplemental analysis conducted on the data obtained from the Company's recently completed clinical trial in Western Europe using the AC5 Topical Hemostatic DeviceTM, the results of which were initially announced by the Company on August 15, 2016. The text of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

Item 9.01 Financial Statements and Exhibit

(d) Exhibits

Exhibit Description

99.1 Press Release issued by Arch Therapeutics, Inc. on October 31, 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.

ARCH THERAPEUTICS, INC.

Dated: October 31, 2016 By:/s/ Terrence W. Norchi, M.D. Name: Terrence W. Norchi, M.D. Title: President, Chief Executive Officer

Exhibit List

Exhibit Description

99.1 Press Release issued by Arch Therapeutics, Inc. on October 31, 2016