ARCA biopharma, Inc.
Form 8-K
April 23, 2018

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 23, 2018 (April 17, 2018)

ARCA biopharma, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware 000-22873 36-3855489 (State or Other Jurisdiction (IRS Employer

of Incorporation) (Commission File Number) Identification No.)

11080 CirclePoint Road, Suite 140, Westminster, CO 80020 (Address of Principal Executive Offices) (Zip Code)

Registrant's Telephone Number, Including Area Code: (720) 940-2200

Not Applicable

(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 (see General Instructions 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) 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)) Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01. Entry into a Material Definitive Agreement.

On April 17, 2018, ARCA biopharma, Inc. ("ARCA") entered into an agreement with Medtronic, Inc. (NYSE: MDT) ("Medtronic") which extended the U.S., Canadian and European Clinical Trial Collaboration Agreement between ARCA and Medtronic until April 18, 2019 (the "Agreement"). The foregoing description of the Agreement is not intended to be complete and is qualified in its entirety by reference to the full text of the Agreement, a copy of which is filed as Exhibit 10.1 hereto and incorporated by reference herein.

A press release announcing the Agreement is also attached hereto as Exhibit 99.1, the contents of which are incorporated herein by reference.

Section 9 — Financial Statements and Exhibits

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exl	

Number Description

10.1 <u>Letter Agreement between ARCA biopharma, Inc. and Medtronic, Inc. dated as of April 17, 2018.</u>
99.1 <u>Press Release titled "ARCA biopharma and Medtronic Extend Gencaro Clinical Trial Collaboration</u>

Agreement" dated April 23, 2018.

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.

Dated: April 23, 2018

ARCA biopharma, Inc. (Registrant)

By: /s/ Christopher D. Ozeroff

Name: Christopher D.

Ozeroff

Title: SVP and General

Counsel