ARCA biopharma, Inc. Form 8-K September 09, 2015 **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): September 9, 2015 (September 9, 2015) ARCA biopharma, Inc. (Exact Name of Registrant as Specified in Charter) Delaware 000-22873 36-3855489 (State or Other Jurisdiction (Commission File Number) (I.R.S. Employer of Incorporation) Identification No.) 11080 CirclePoint Road, Suite 140, Westminster, CO 80020 (Address of Principal Executive Offices) (Zip Code) (720) 940-2200 (Registrant's telephone number, including area code)

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 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)
- £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))

Section 8 — Other Events

Item 8.01. Other Events.

On September 9, 2015, ARCA biopharma, Inc. ("ARCA") announced that the paper "Bucindolol Prevents Atrial Flutter via the Beta-1 389 Arg/Gly Adrenergic Receptor Polymorphism" will be presented at the 19 Annual Scientific Meeting of the Heart Failure Society of America (HFSA) to be held in Washington, D.C. September 26-29, 2015. The press release is furnished as Exhibit 99.1 hereto, the contents of which are incorporated herein by reference.

Section 9 — Financial Statements and Exhibits

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

Number Description

Press Release titled "Gencar^M Potential Efficacy Preventing Atrial Flutter in Heart Failure Paper to be Presented at 2015 HFSA Annual Scientific Meeting" dated September 9, 2015.

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: September 9, 2015

ARCA biopharma, Inc. (Registrant)

By:/s/ Christopher D. Ozeroff Name: Christopher D. Ozeroff

Title: Senior Vice President and General Counsel

INDEX TO EXHIBITS

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