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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): **May 30, 2018**

**ANTHERA PHARMACEUTICALS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation)

**001-34637**  
(Commission File Number)

**20-1852016**  
(I.R.S. Employer  
Identification No.)

**25801 Industrial Boulevard, Suite B, Hayward,  
California**  
(Address of principal executive offices)

**94545**  
(Zip Code)

Registrant's telephone number, including area code: **(510) 856-5600**

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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2). 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.

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**Item 8.01. Other Events.**

On May 30, 2018, Anthera Pharmaceuticals, Inc., a Delaware corporation (the “Company”), announced that it will hold the Company’s 2018 annual meeting on December 3, 2018 (the “2018 Annual Meeting”). Further information regarding the 2018 Annual Meeting will be made available to stockholders in a definitive proxy statement, which will be filed with the Securities and Exchange Commission (the “SEC”).

Stockholders who meet the requirements of the proxy rules under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), may submit proposals to the Company’s Board of Directors (the “Board”) to be presented at the 2018 Annual Meeting. Such proposals must comply with the requirements of Rule 14a-8 under the Exchange Act and be submitted in writing by notice delivered or mailed by first-class United States mail, postage prepaid, to our Secretary at our principal executive offices at the address set forth above no later than October 4, 2018 in order to be considered for inclusion in the proxy materials to be disseminated by the Board for the 2018 Annual Meeting.

Stockholders who desire to bring business before the 2018 Annual Meeting, other than through a shareholder proposal pursuant to the SEC’s rules, must notify the Company’s Secretary in writing and provide the information required by the provision of the Company’s Amended and Restated Bylaws dealing with shareholder proposals. Notice must be received at the Company’s principal executive offices no later than October 4, 2018. The requirements for such notice are set forth in the Company’s Amended and Restated Bylaws. The Company reserves the right to reject, rule out of order, or take other appropriate action with respect to any proposal that does not comply with these and other applicable requirements.

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**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.

Date: May 30, 2018

Anthera Pharmaceuticals, Inc.

By: /s/ J. Craig Thompson  
J. Craig Thompson  
President and CEO

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