
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 10-Q/A

Amendment No. 1

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the quarterly period ended March 31, 2017

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number: 001-34637

ANTHERA PHARMACEUTICALS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

20-1852016

(I.R.S. Employer Identification No.)

**25801 Industrial Boulevard, Suite B
Hayward, California**

(Address of Principal Executive Offices)

94545

(Zip Code)

(510) 856-5600

(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer", "smaller reporting company", or an emerging growth company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Non-accelerated filer

(Do not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

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.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of May 1, 2017, the number of outstanding shares of the registrant's common stock, par value \$0.001 per share, was 10,076,164.

EXPLANATORY NOTE

Anthera Pharmaceuticals, Inc. (the "Company") is filing this Amendment No. 1 on Form 10-Q/A (this "Amendment No.1") to its Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2017, originally filed with the Securities and Exchange Commission (the "SEC") on May 10, 2017 (the "Original Form 10-Q"), to remove the Management's Report on Internal Control over Financial Reporting language included Part I, Item 4 of the Original Form 10-Q. Due to an administrative error, this language was inadvertently included from Item 308 of Regulation S-K, which is not required disclosure on a Quarterly Report on Form 10-Q. Item 4 should have read as follows:

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Our management, with the participation of our Chief Executive Officer and Principal Accounting Officer, evaluated the effectiveness of our disclosure controls and procedures as of March 31, 2017. The term "disclosure controls and procedures," as defined in Rules 13a-15(e) and 15d-15(e) under the Securities and Exchange Act of 1934, means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Securities Exchange Act of 1934 is recorded, processed, summarized, and reported within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Securities Exchange Act of 1934 is accumulated and communicated to that company's management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives, and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible controls and procedures.

As required by SEC Rule 13a-15(e), we carried out an evaluation under the supervision and with the participation of our management, including our Chief Executive Officer and Principal Accounting Officer, of the effectiveness of the design and operation of our disclosure controls and procedures as of the end of the period covered by this report. Based on the foregoing, our Chief Executive Officer and Principal Accounting Officer concluded that, as of March 31, 2017, our disclosure controls and procedures were effective at the reasonable assurance level.

Changes in Internal Control Over Financial Reporting

There have been no other changes in our internal control over financial reporting during the most recent quarter ended March 31, 2017 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Except as described above, no other changes have been made to the Original Form 10-Q. Except as otherwise indicated herein, this Amendment No.1 continues to speak as of the date of the Original Form 10-Q, and the Company has not updated the disclosures contained therein to reflect any events that occurred subsequent to the date of the Original Form 10-Q. Accordingly, this Amendment No. 1 should be read in conjunction with the Original Form 10-Q and the Company's filings made with the SEC subsequent to the filing of the Original Form 10-Q. The filing of this Amendment No. 1 is not an admission that the Original Form 10-Q, when filed, included any untrue statement of a material fact or omitted to state a material fact necessary to make a statement not misleading.

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 thereunto duly authorized.

ANTHERA PHARMACEUTICALS, INC.

September 22, 2017

By: /s/ J. Craig Thompson
J. Craig Thompson
Chief Executive Officer
(Principal Executive Officer)

September 22, 2017

By: /s/ May Liu
May Liu
Senior Vice President, Finance and Administration
(Principal Accounting Officer)
