Anthera Pharmaceuticals Inc Form SC 13G March 11, 2010

CUSIP No. 03674U102

SCHEDULE 13G

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT

TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED

PURSUANT TO RULE 13d-2(b)

(Amendment No.)

Anthera Pharmaceuticals, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

03674U102

Edgar Filing: Anthera Pharmaceuticals Inc - Form SC 13G

(CUSIP Number)

March 1, 2010

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
"Rule 13d-1(b)
x Rule 13d-1(c)
"Rule 13d-1(d)
The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 03674U102 SCHEDULE 13G Page 2 of 11 1 NAMES OF REPORTING PERSONS A.M. Pappas Life Science Ventures III, LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2 (a) " (b) " SEC USE ONLY 3 4 CITIZENSHIP OR PLACE OF ORGANIZATION **DELAWARE** 5 SOLE VOTING POWER NUMBER OF - 0 -6 SHARED VOTING POWER **SHARES** BENEFICIALLY 1,091,939 OWNED BY 7 SOLE DISPOSITIVE POWER **EACH** REPORTING - 0 -PERSON WITH 8 SHARED DISPOSITIVE POWER 1,091,939 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,091,939 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES " 10

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.1% Type of reporting Person

PN

12

CUSIP No. 03674U102 SCHEDULE 13G Page 3 of 11 1 NAMES OF REPORTING PERSONS PV III CEO Fund, LP 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) " (b) " SEC USE ONLY 3 4 CITIZENSHIP OR PLACE OF ORGANIZATION **DELAWARE** 5 SOLE VOTING POWER NUMBER OF - 0 -6 SHARED VOTING POWER **SHARES** BENEFICIALLY 67,867 OWNED BY 7 SOLE DISPOSITIVE POWER **EACH** REPORTING - 0 -PERSON WITH 8 SHARED DISPOSITIVE POWER 67,867 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 67,867 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES $^{\circ}$ 10

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.3% Type of reporting Person

PN

12

CUSIP No. 03674U102 SCHEDULE 13G Page 4 of 11 1 NAMES OF REPORTING PERSONS AMP&A Management III, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2 (a) " (b) " SEC USE ONLY 3 4 CITIZENSHIP OR PLACE OF ORGANIZATION **DELAWARE** 5 SOLE VOTING POWER NUMBER OF - 0 -6 SHARED VOTING POWER **SHARES** BENEFICIALLY 1,159,806 OWNED BY 7 SOLE DISPOSITIVE POWER **EACH** REPORTING - 0 -PERSON WITH 8 SHARED DISPOSITIVE POWER 1,159,806 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,159,806 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES $^{\circ}$ 10 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4% TYPE OF REPORTING PERSON

OO

12

CUSIF	P No. 03674U102	SCHEDULE 13G	Page 5 of 11
1	NAMES OF REPORTING PERSONS		
2	Arthur M. Pappas CHECK THE APPROPRIATE BOX IF A	A MEMBER OF A GROUP	
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZ	ZATION	
	USA 5 SOLE VOTING POWER		
	MBER OF - () - 6 SHARED VOTING POWER HARES		
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	ORTING - 0 - ON WITH 8 SHARED DISPOSITIVE PO)WER	
9	1,159,806 AGGREGATE AMOUNT BENEFICIAL	LY OWNED BY EACH REPORTING PERSON	
10	1,159,806 CHECK BOX IF THE AGGREGATE AM	MOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLASS REPRESENTED	BY AMOUNT IN ROW (9)	

5.4% Type of reporting person 12

IN

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Item 1. (a) Name of Issuer:

Anthera Pharmaceuticals, Inc. (the Issuer)

(b) Address of Issuer s Principal Executive Offices:

25801 Industrial Boulevard, Suite B, Hayward, California 94545

Item 2 (a) Name of Person Filing:

This statement is filed by A.M. Pappas Life Science Ventures III, LP, a Delaware limited partnership (the Life Science Ventures Fund), PV III CEO Fund, LP, a Delaware limited partnership (the CEO Fund and together with the Life Science Ventures Fund, the Pappas Funds), AMP&A Management III, LLC, a Delaware limited liability company (AMP&A Management), and Arthur M. Pappas (Mr. Pappas). Each of the foregoing is referred to as a Reporting Person and collectively as the Reporting Persons.

AMP&A Management is the general partner of each of the Pappas Funds. Mr. Pappas is the chairman of the investment committee of AMP&A Management. By virtue of these relationships, each of AMP&A Management and Mr. Pappas may be deemed to beneficially own the Issuer s Common Stock, par value \$0.001 per share, owned directly by the Pappas Funds.

(b) Address of Principal Business Office or, if none, Residence:

The principal business office of each of the Reporting Persons is 2520 Meridian Parkway, Suite 400, Durham, North Carolina 27713.

(c) Citizenship:

The Pappas Funds and AMP&A Management are organized under the laws of the State of Delaware. Mr. Pappas is a citizen of the United States of America.

(d) Title of Class of Securities:

Common Stock, par value \$0.001 per share (the Shares)

(e) CUSIP Number:

03674U102

Item 3. If this statement is filed pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Not Applicable

Item 4. Ownership.

Life Science Ventures Fund

(a) Amount beneficially owned:

1,091,939 Shares

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(b) Percent of class:

5.1% (based upon 21,618,334 Shares outstanding, which is the total number of Shares outstanding based upon information provided to the Reporting Person by the Issuer)

- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote
 - 0 Shares
 - (ii) Shared power to vote or to direct the vote
 - 1,091,939 Shares
 - (iii) Sole power to dispose or to direct the disposition of
 - 0 Shares
 - (iv) Shared power to dispose or to direct the disposition of

1,091,939 Shares

CEO Fund

(a) Amount beneficially owned:

67,867 Shares

(b) Percent of class:

0.3% (based upon 21,618,334 Shares outstanding, which is the total number of Shares outstanding based upon information provided to the Reporting Person by the Issuer)

- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote
 - 0 Shares
 - (ii) Shared power to vote or to direct the vote
 - 67,867 Shares
 - (iii) Sole power to dispose or to direct the disposition of
 - 0 Shares
 - (iv) Shared power to dispose or to direct the disposition of

67,867 Shares

AMP&A Management

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- (a) Amount beneficially owned:
 - 1,159,806 Shares
- (b) Percent of class:
 - 5.4% (based upon 21,618,334 Shares outstanding, which is the total number of Shares outstanding based upon information provided to the Reporting Person by the Issuer)
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote
 - 0 Shares
 - (ii) Shared power to vote or to direct the vote
 - 1,159,806 Shares
 - (iii) Sole power to dispose or to direct the disposition of
 - 0 Shares
 - (iv) Shared power to dispose or to direct the disposition of
 - 1,159,806 Shares

Mr. Pappas

- (a) Amount beneficially owned:
 - 1,159,806 Shares
- (b) Percent of class:
 - 5.4% (based upon 21,618,334 Shares outstanding, which is the total number of Shares outstanding based upon information provided to the Reporting Person by the Issuer)
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote
 - 0 Shares
 - (ii) Shared power to vote or to direct the vote
 - 1,159,806 Shares
 - (iii) Sole power to dispose or to direct the disposition of
 - 0 Shares
 - (iv) Shared power to dispose or to direct the disposition of
 - 1,159,806 Shares

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As the general partner of each of the Pappas Funds, AMP&A Management may be deemed to be the beneficial owner of the Shares owned directly by the Pappas Funds. As the chairman of the investment committee of AMP&A Management, Mr. Pappas may be deemed to be the beneficial owner of the Shares owned directly by the Pappas Funds

The filing of this Schedule 13G shall not be construed as an admission that the Reporting Persons are, for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, the beneficial owners of any of the Shares reported herein. Each of the Reporting Persons specifically disclaims beneficial ownership of the Shares reported herein except to the extent of his or its pecuniary interest therein.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

See Exhibit 1.

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications.

By signing below we certify that, to the best of our knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, we certify that the information set forth in this statement is true, complete and correct.

Dated: March 10, 2010

A.M. PAPPAS LIFE SCIENCE VENTURES III, LP

By: AMP&A Management III, LLC

General Partner

By: /s/ Ford S. Worthy Name: Ford S. Worthy

Title: Partner & Chief Financial Officer

PV III CEO FUND, LP

By: AMP&A Management III, LLC

General Partner

By: /s/ Ford S. Worthy
Name: Ford S. Worthy

Title: Partner & Chief Financial Officer

AMP&A MANAGEMENT III, LLC

By: /s/ Ford S. Worthy
Name: Ford S. Worthy

Title: Partner & Chief Financial Officer

ARTHUR M. PAPPAS

By: /s/ Ford S. Worthy
Name: Ford S. Worthy

Title: Attorney-in-fact

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Exhibit Index

- Exhibit 1 Joint Filing Agreement, dated March 10, 2010, among A.M. Pappas Life Science Ventures III, LP; PV III CEO Fund, LP; AMP&A Management III, LLC; and Arthur M. Pappas.
- Exhibit 2 Power of Attorney executed by Arthur M. Pappas, dated March 9, 2010, appointing Ford S. Worthy as attorney-in-fact.