

Lau Stephen  
Form 4  
July 02, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Lau Stephen

2. Issuer Name and Ticker or Trading Symbol  
Anthera Pharmaceuticals Inc  
[ANTH]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
06/30/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP, Corp. & Business Dev.

C/O ANTHERA  
PHARMACEUTICALS,  
INC., 25801 INDUSTRIAL  
BOULEVARD, SUITE B

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

HAYWARD, CA 94545

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock	06/30/2010		A <sup>(1)</sup>	1,000 A <u>(2)</u>	1,000	D	
Common Stock	06/30/2010		A <sup>(3)</sup>	6,000 A <u>(2)</u>	7,000	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

number.

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lau Stephen C/O ANTHERA PHARMACEUTICALS, INC. 25801 INDUSTRIAL BOULEVARD, SUITE B HAYWARD, CA 94545			VP, Corp. & Business Dev.	

## Signatures

/s/ Mitzi Chang, by power of attorney for  
Stephen Lau

07/02/2010

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Award of Restricted Stock Units under the Issuer's 2010 Stock Option and Incentive Plan that vests on the first anniversary of the grant date, with the grant date being June 30, 2010. The shares underlying such Restricted Stock Units will not be delivered to the Reporting Person until the Restricted Stock Units vest.

(2) Not applicable.

(3) Award of Restricted Stock Units under the Issuer's 2010 Stock Option and Incentive Plan that vests in four equal annual installments on each anniversary of the grant date, with the grant date being June 30, 2010. The shares underlying such Restricted Stock Units will not be delivered to the Reporting Person until the Restricted Stock Units vest.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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